ELTANIN REPORTS

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CRUISES 37 - 39, 1969; 42 - 46, 1970

HYDROGRAPHIC STATIONS
BOTTOM PHOTOGRAPHS
CURRENT MEASUREMENTS
NEPHELOMETER PROFILES

LAMONT - DOHERTY GEOLOGICAL OBSERVATORY
of COLUMBIA UNIVERSITY : PALISADES, N.Y.
1972

Errata

Eltanin Cruises 32-36

In Fig. 4 the numbers of mechanical BT casts are underlined.

On Cruise 32 hydrographic station lists (except 690), air temperature and dew point are reversed.

The longitudes of hydrographic stations 809-830 should be changed from E. to W.

Page 21 : On station 35-09, the correct latitude is 56°50'S.

Page 171 : The depth below 1159 meters is 1354 meters.

Page 241 : At the OBS level below 3506 meters, depth = 4006, temp = 0.01, oxygen = 5.64.

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Lamont-Doherty Geological Observatory
of Columbia University
Palisades, New York

TR 1-CU-1-72

ELTANIN REPORTS

Cruises 37-39, 1969; 42-46, 1970
Hydrographic Stations
Bottom Photographs
Current Measurements
Nephelometer Profiles
1972

Stanley S. Jacobs, Peter M. Bruchhausen
Frederic L. Rosselot, Arnold L. Gordon
Anthony F. Amos, Michel Belliard

Supported by
Office of Polar Programs
National Science Foundation

Cruise 37 - Scientific and Technical Support Party: L - R, Front: S. Jaks, T. Emerson, R. Falconer, A. Edmonds, T. Turner, M. De Nike, R. Leonard, K. Moelle, G. Horvath; Middle: R. Fletcher, R. Martin, M. Belliard, P. Foy, T. Fernandez, W. Eyre, D. Breger, P. Bruchhausen, R. Mitchell, J. Flynn, T. Stillman; Rear: J. Ratkowitz, J. Henderson, A. Gordon, G. Mathieu, A. Amos, J. Harvey, W. Gallagher, W. Dingle, F. Rosselot, E. Tortora, Not Present: R. Heffernan, J. Hinwood.

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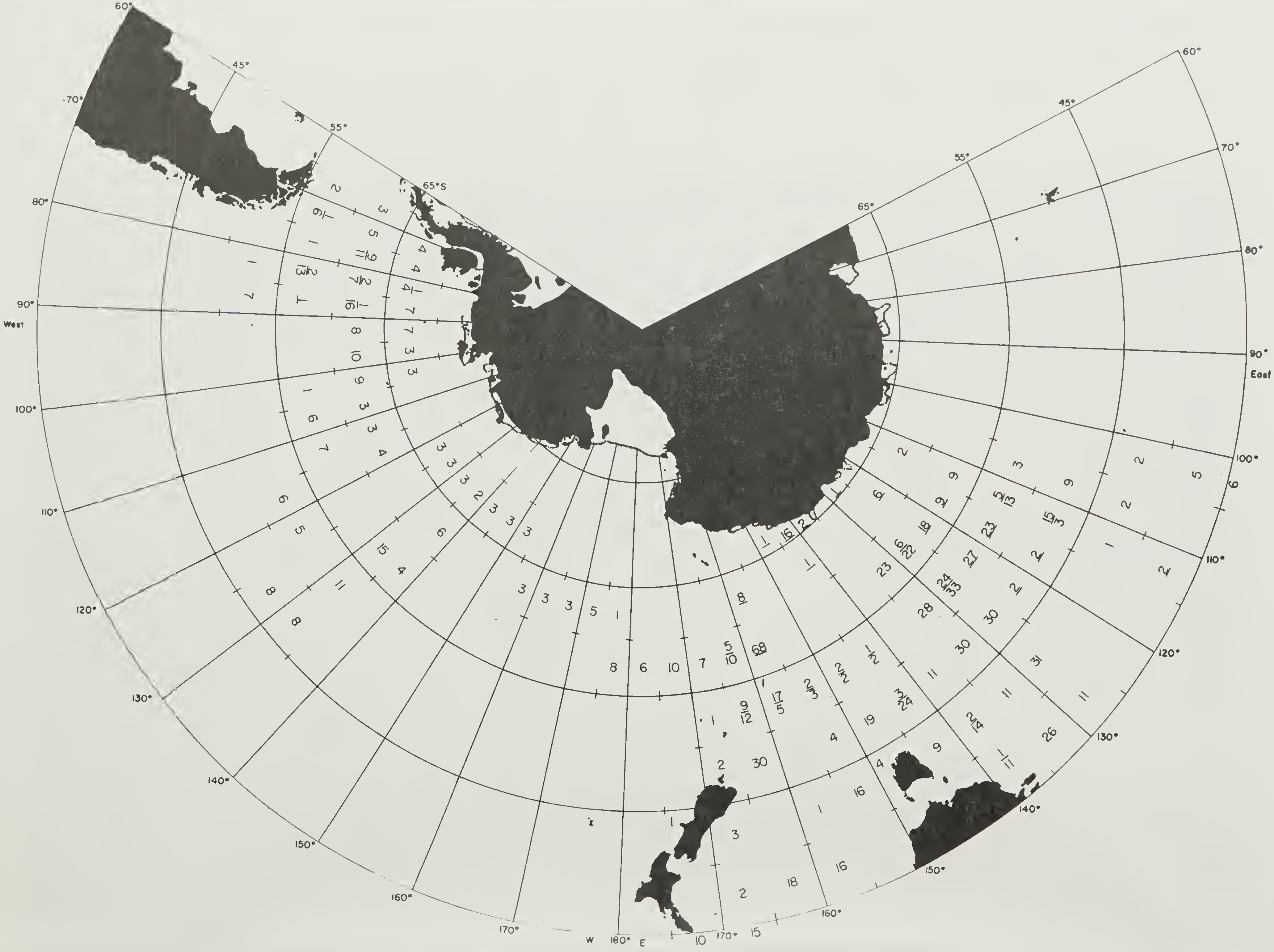

Fig. 2 Bathythermograph observations, cruises 37, 39, 42-45. Expendable BT casts are underlined.

SUMMARY

Hydrographic data taken aboard the USNS ELTANIN, cruises 37, 39 and 42-45, in the southern oceans during 1969 and 1970 are described and listed. Hydrographic stations (Fig. 1) included continuously recorded in situ salinity-temperature-depth (STD) measurements, serial casts and surface-command bottle observations. Water samples were processed for salinity and oxygen on all cruises and additionally for nutrients on cruise 37. Two-hundred-seventy-five meter mechanical bathythermograph casts and 700-meter expendable bathythermograph casts made during these cruises (Fig. 2) were concentrated in the Polar Front (Antarctic Convergence) region. Bottom photographs, light scattering (nephelometer) and current meter recordings were taken at the stations indicated in Fig. 3 and Tables 1-5. Continuous sea-surface temperature records were taken over portions of the ship's track.

During cruise 37, samples were collected for measurement of radium, uranium, partial pressure of CO_2 and total carbon dioxide in sea water, trace elements and total carbon dioxide content of sediment pore-water, geochemical studies of oceanic ridge material, and oxygen isotope ratios in living foraminifera. Uncontaminated water samples were collected with Geodyne "Butterfly Samplers" and filtered for comparison with nephelometer data. Total CO_2 samples were also taken on cruises 42 and 43.

Hydrographic data were taken by the Institute of Marine Science (Univ. of Miami) and by Texas A+M personnel in support of biological programs on ELTANIN cruises 38 and 46, and are included here in an

appendix. Representative photographs appear for cruise 38. ELTANIN cruise 40 was not in the Antarctic region. During cruise 41, hydrographic, current meter and deep-tide measurements between Australia and Antarctica were made by groups from the Institute of Geophysics and Planetary Physics at the University of California, Scripps Institute of Oceanography, the Johns Hopkins University, and the Horace Lamb Centre of Flinders University, South Australia (Callahan, 1970; Snodgrass, 1971; Bye, 1971, 1972).

Data from cruises 37, 39 and 42-45 have appeared to date in the following papers: Ku, Li, Mathieu and Wong,1970; Kaplan, 1971; Eittreim, Gordon, Ewing, Thorndike and Bruchhausen, 1971; Gordon 1971a, 1971b (in press), 1972 (in press); Gordon and Tchernia, 1972 (in press); Eittreim, Bruchhausen and Ewing, 1972 (in press); Denham and Kibblewhite, 1971, (in press). Previous ELTANIN hydrographic data have been reported in Friedman, 1964; Jacobs, 1965, 1966; Jacobs and Amos, 1967, Scripps Institution of Oceanography, Ref. 69-15 and Woods Hole Oceanographic Institution, Ref. 69-56 (Scorpio Expedition), 1969; and Jacobs, Bruchhausen and Bauer, 1970. Data from concurrent ELTANIN studies in bottom topography, magnetics, gravity and seismic profiling appear in separate Lamont reports (e.g. Hayes et al. 1969; Heirtzler et al., 1969). Additional information on ELTANIN scientific operations may be obtained from the National Science Foundation's Office of Polar Programs.

SERIAL HYDROGRAPHIC DATA

Serial temperature measurements were taken with deep-sea reversing thermometers, calibrated at the National Oceanographic Instrumentation Center. Most serial temperatures reported herein were averaged from the values obtained from two protected thermometers attached to each sampling bottle. Serial water samples were collected with 1.5 liter teflon-lined Nansen bottles and in the command sampler (SAMS) system (Gerard and Amos; 1968) with 1.7 liter PVC Niskin Bottles (General Oceanics, Inc.). Salinity samples were processed on Auto-Lab model #601 inductively-coupled laboratory salinometers standardized with Copenhagen water batches P_{41}, P_{46}, P_{47}, P_{50}, and P_{51}.

Salinities were computed from conductivity values using the relationship derived by Cox, Culkin and Riley (1967). Thermometric corrections and calculation of sampling depths from unprotected thermometers were made after Lafond(1951), Sverdrup (1947) and Wust (1933). Densities were computed from Knudsen (1901) with S = 1.80655 Cl (Lyman, 1969); sound velocity from Wilson (1960); interpolation to standard levels from Reininger and Ross (1968), and computation of specific volume and dynamic height after Bjerknes and Sandstrom (1910).

OXYGEN and NUTRIENTS

Oxygen was measured by the Winkler method of Carpenter (1965). Silicate, phosphate and nitrate concentrations were determined on cruise 37 with a Technicon Auto-Analyzer, following procedures similar to those described in Strickland and Parsons (1968). Results with the Auto-Analyzer were less than satisfactory and the nutrient data will have to be used with caution. Somewhat more scatter than would be expected was encountered among the deep values. Erroneous silicate data have been deleted from several stations at the end of the cruise, and several values in excess of 140 ug-at/l (not reported anywhere in this region previously) have been flagged as doubtful.

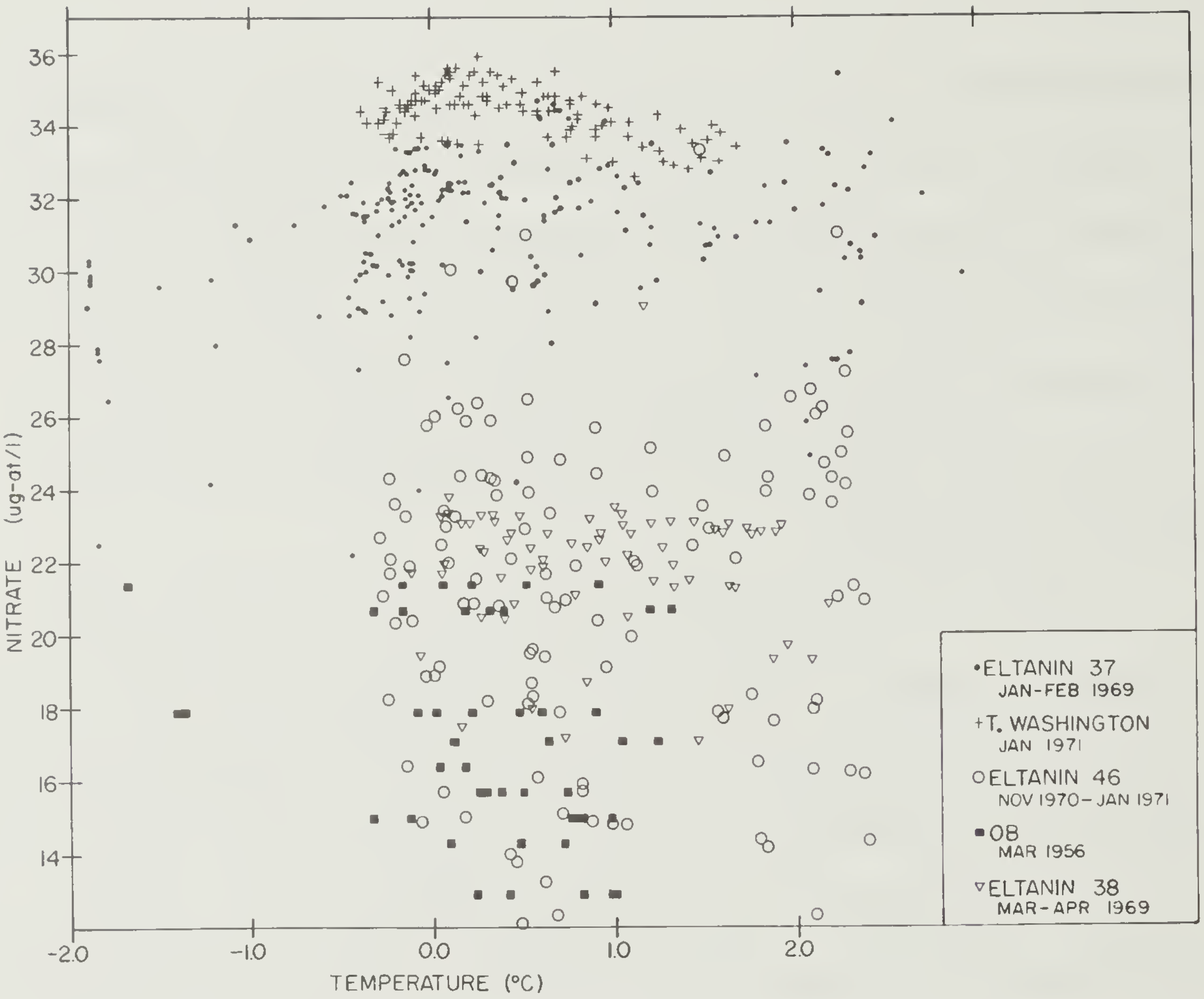

Fig. 4 Nitrate observations deeper than 500 meters and south of 50°S on several cruises in the South Indian Basin.

The apparent dilution of phosphate samples by error resulted in extremely low values at all levels on several processing runs, and the listed values include a 2x correction (stations 1009-1110). Nitrate determinations (Fig. 4) are in general agreement with previous ELTANIN work, and slightly lower than THOMAS WASHINGTON data (ARIES II Expedition, preliminary results), but show marked disagreement with OB values and with Texas A & M measurements on ELTANIN cruises 38 and 46 (in Appendix of this report). Most nitrate values on this particular OB Cruise have been indicated elsewhere as being too low (Wyrtki et al, 1971). It is doubtful that seasonal variations can account for the observed differences.

STD OPERATIONS

Bissett-Berman* model 9006 continuously recording *in situ* salinity/temperature/depth (STD) instruments were employed on cruises 37, 39 and 44. Methods of data collection and reduction have been described in previous reports (e.g. Jacobs, Bruchhausen and Bauer, 1970). Station data on these cruises were obtained from either magnetic tape (Digital Data Logger), or digitized analog records, and are so indicated in the listings. Calibration data were obtained with surface command samplers (SAMS; Gerard and Amos, 1968) and corrections applied to the STD salinity and depth data.

An example of the salinity/depth error encountered with one sensor used on these cruises is shown in Fig. 5. Reid et al (1964), Amos (1966) and Jacobs and Amos (1967) noted a similar error, and more recently other users of Plessey STD Systems have also observed salinity errors that can apparently be traced to pressure compensation formulas (Plessey Environmental Systems, Interface, Vol. 2, #1, 1972). Plessey bases the calibration of the salinometer pressure compensation circuit on an empirical equation derived by Bradshaw and Schleicher (1965), and is presently reviewing the data to determine the reason for these discrepancies.

Salinity corrections were less reliable on cruises 39 and 44 and the first few stations of cruise 37 where there were relatively few SAMS data. Salinity transients introduced by sensor movement through large temperature gradients have not been corrected (see Jacobs, Bruchhausen and Bauer, 1970), as may be noted by the

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*Now a division of Plessey Environmental Systems

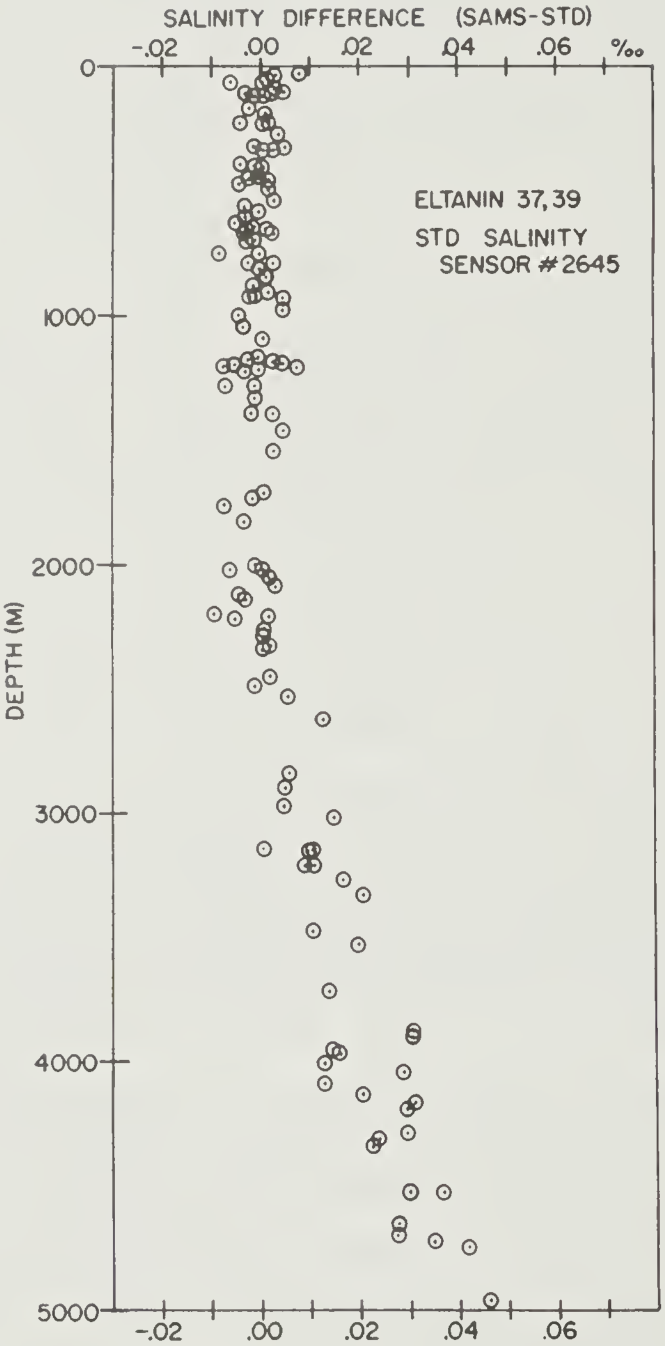


Fig. 5 Salinity sensor pressure error

different apparent salinities sometimes recorded in the shallow layers during descent and ascent. Most instrumental salinity 'spikes' have been damped or truncated with editing programs. Instrumental noise of about .03°C, apparently from the Digital Data Logger (DDL), is evident on the deep temperature records of several stations (e.g. 1138-39).

Only successively deeper depths are retained by the editing programs so that the amount of data from each DDL station varies with sensor lowering speed and sampling rate. Most DDL stations herein contain about one set of salinity/temperature/depth values per meter. Much fewer data result from digitizing the analog records, as may be noted on station pair 1014/1015, where 1014 has been derived from the DDL and 1015 from digitized analog records. STD data in this report, in graphical form and in tables of standard-level values, have been obtained from corrected STD data stored on magnetic tape.

On 31 January - 1 February, 1969, the STD was lowered and raised for a period of about 24 hours at a shallow location off the Wilkes Land Coast. The vertical temperature and salinity profiles for this series of stations appear in Figure 6. (Foldout).

BOTTOM PHOTOGRAPHS, CURRENT AND NEPHELOMETER MEASUREMENTS

Photographically-recording instruments designed and constructed at Lamont-Doherty were used on most stations of these ELTANIN cruises to take bottom photographs (Thorndike, 1959), nephelometer measurements (Thorndike and Ewing, 1967), and bottom current recordings (Thorndike and Ewing, 1969). These instruments were mounted together on a tripod (Fig. 13 in Jacobs, Bruchhausen and Bauer, 1970) on cruises 39, 42, and 43. On cruise 37, current meter and camera were attached to a shipboard-modified Alpine camera frame (Fig. 7), and the nephelometer was lowered separately. On cruises 44 and 45 the rig consisted of a vertical frame to which only the nephelometer and camera systems were attached (Fig. 8). An Alpine Geophysical Associates

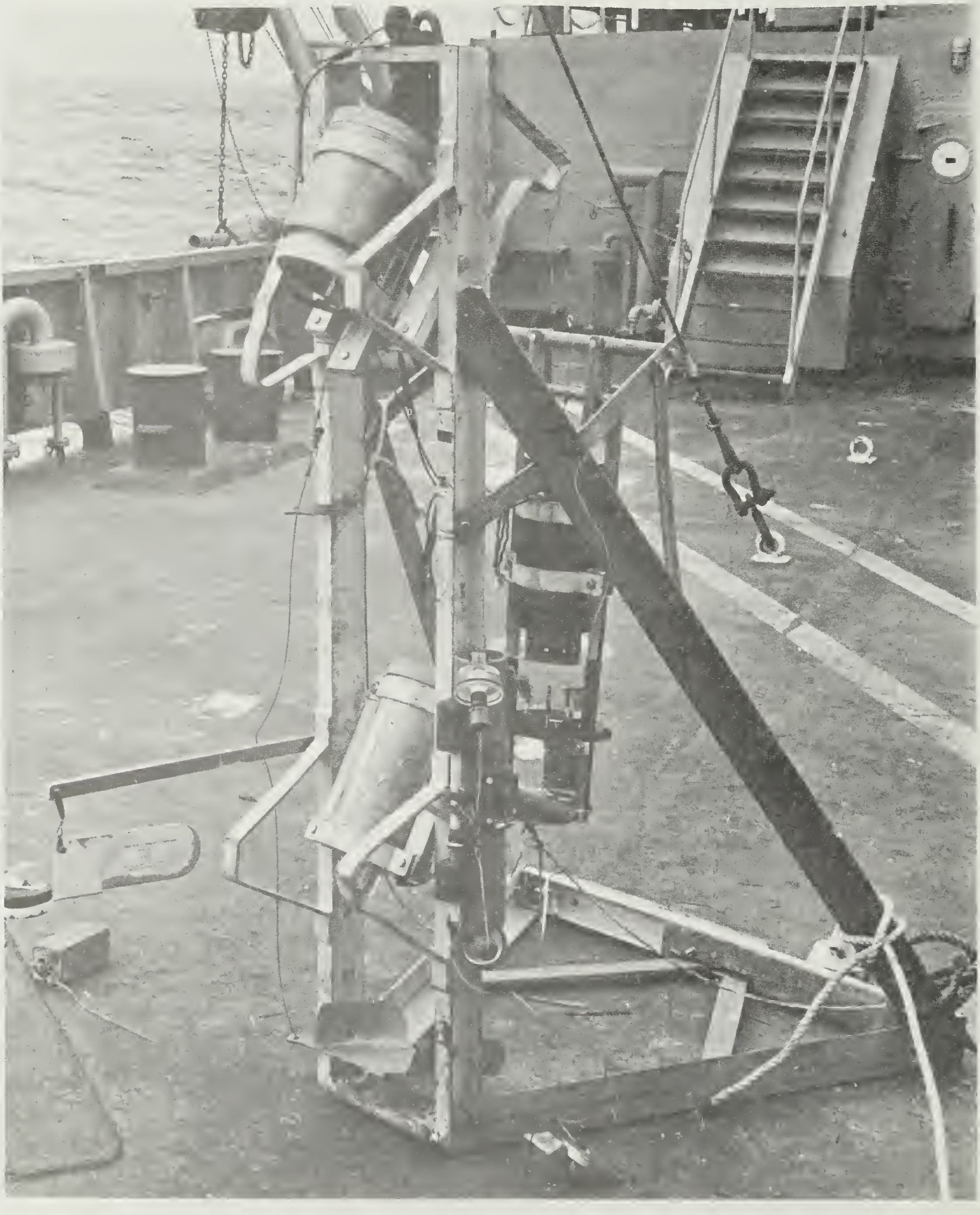
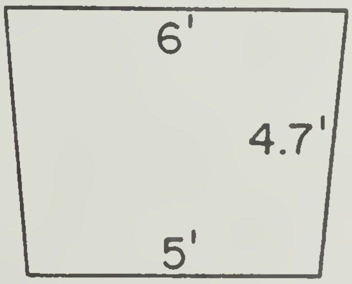


Fig. 7 Cruise 37 bottom camera and current meter mounted on frame constructed aboard ship.

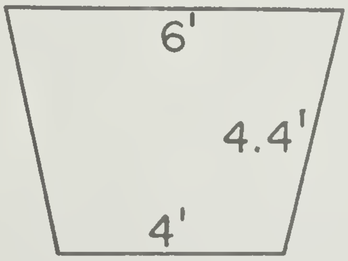
Model 311 camera (Fig. 14 in Jacobs, Bruchhausen and Bauer, 1970) was used on a few stations.

Several ocean-bottom contacts were made at each station, and current recordings at 45-second intervals from about one meter above the sea floor extended over periods of several minutes during each stop on bottom. Current vanes and pendula and a compass (Model # 75, Air Guide Instrument Co.) were photographed by the current meter camera, and a second compass (Model # 2967-11, Taylor Instrument Co.) by the bottom camera. Magnetic variations for these stations were taken from the U.S. Oceanographic Office charts 1706 and 1706-S.

Representative bottom photographs (19% of the total) from these cruises appear in the latter part of this report. Prints were made by the Oceanographic Sorting Center division of the Smithsonian Institution, Washington, D.C., where the negatives are archived. The approximate area photographed (after Ewing et al, 1971) for the Lamont cameras used is shown below.



Cruises 37,44,45



Cruises 39,42,43

The nephelometer provides a profile of the intensity of light scattering in the water column. The instrument consists of a continuous light source (tungsten lamp) and opposing camera that records light passing through a slit aligned perpendicular to the direction

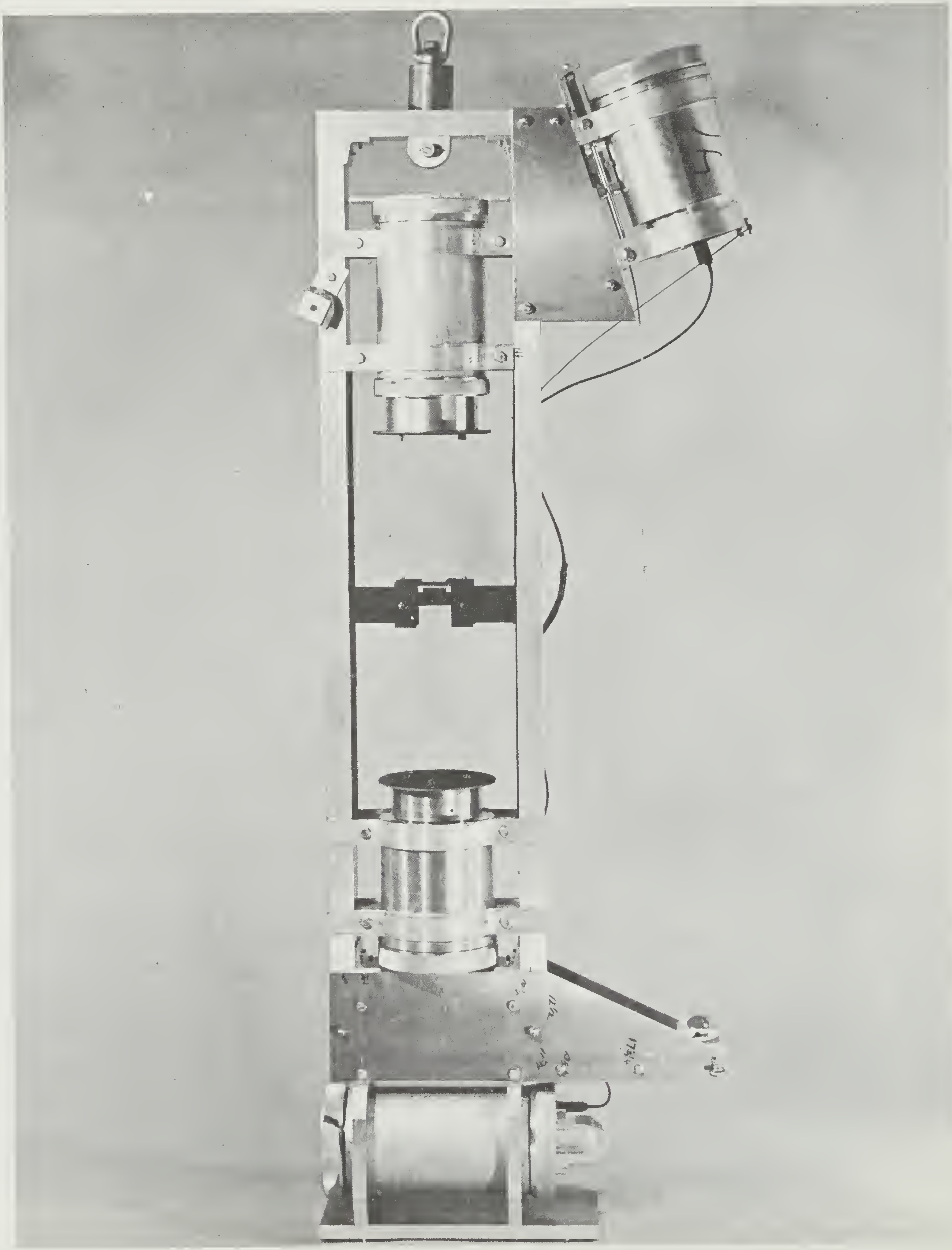


Fig. 8 Camera and nephelometer system used on most stations of cruises 44 and 45.

of film transport. Before reaching the film the direct light passes through a baffle-attenuator composed of a series of neutral density filters. On the moving film this light produces a trace that is used to monitor the intensity of the light source. Light passing on either side of the attenuator reaches the film only if scattered by suspended particles in the water. During processing, the film is scanned at positions corresponding to scattering angles of approximately 7 to 30°. Depth and time information are also registered on the film. Processed films are run through a recording densitometer and optical density variations are measured and digitized at points which best define the curves. Optical densities are converted into log exposures by using a characteristic curve of the film obtained in a sensitometer just prior to lowering. These ELTANIN data have been normalized to the clearest water encountered at each station. The horizontal scales in the nephelometer profiles are in units of log E/E_o, with E_o the exposure value for clearest water. This procedure should be satisfactory for intercomparison of deep stations within a basin, but may be misleading for shallow stations. Below 2000 m in the North American Basin, e.g., analyses of water samples for particulate matter give reason to assume that particulate matter concentration at the level of clearest water is constant (Eittreim, Ewing and Thorndike, 1969; Eittreim, 1970). Data used in the nephelometer profiles (pp. 286-304) were recorded during sensor descent unless otherwise noted. On cruises 44 and 45 the scattering layer intensities are somewhat doubtful due to insufficient calibration data.

ELTANIN HYDROGRAPHIC PERSONNEL

		Cruise
	Anthony F. Amos	37
	James R. Applewhite	39
	Michel Belliard	37,42,43,45
b	Peter Bradford	39
	Dee L. Breger	37
	Peter M. Bruchhausen	37,42,43
	Albert W. Edmonds	37
a	William S. Eyre	37
a	Robert P. Fletcher	37
*	Arnold L. Gordon	37,44
	Susan E. Gordon	44
	Steven W. Gordon	39
	John Y. Harvey	37,39,44
	Roman Laba	44,45
a	Ralph Leonard	37
	Guy C. Mathieu	37
	James F. McDevitt	45
	Frederic L. Rosselot	37,39,42,43
	Alexander Shor	44
	Robert C. Tsigonis	44
c	William Van Horn	42,43
b	Anthony W. Young	43

(*) Principal Investigator
(a) Flinders University of S. Australia
(b) University of Washington
(c) Florida State University

Several of the above were not members of the Lamont Hydrographic Operation, but provided assistance with BT Observations, etc.

ACKNOWLEDGEMENTS

Shipboard assistance was provided by Alpine Geophysical Associates, by the officers and crew of the USNS ELTANIN, and by NSF/OPP representatives on these cruises. Navigation and topographic data were collected and reduced by the Submarine Geology and Gravity Departments at Lamont-Doherty. Hydrographic data were reduced with the aid of IBM 1130 computer facilities aboard the ELTANIN and at Lamont-Doherty. Prints of bottom photographs were supplied by the Smithsonian Institution's Oceanographic

Sorting Center. Edward M. Thorndike and Stephen Eittreim gave much valuable assistance in the bottom camera and nephelometer operations. Laboratory and secretarial assistance was provided by Edward Bauer, Lawrence Sullivan, Jeanne Stolz, Priscilla Haines, Carol Breland, Anne Roy and Cristina Bruchhausen. This work was supported bv National Science Foundation contracts GA-10794, GV-19032, and GV-26230. Additional support for personnel and equipment on cruise 37 was provided by U.S. AEC contract AT 30-1(2663).

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STATION LISTS

Plots of temperature-depth and salinity-depth appear with each STD station. Data recorded during sensor ascent have been assigned separate station numbers and are offset one inch from descent data on the plots. Subscripts appearing after station numbers denote the mode.

M (MODE): 0= Hydro station
1= STD station (descent of sensors).
2= STD station (ascent of sensors; only analog records included here.

R: Source of STD data
1= magnetic tape
2= paper tape
3= analog record.

GMT: Shallow cast messenger time or time STD is at sea surface; surface data, including coordinates, are at GMT.

MAR: Marsden square

DEPTH: Corrected for sound velocity variations after Matthews (1939); calculated at estimated trip time of deepest sample bottle or time STD sensors were closest to bottom. It may be noted that the deepest STD depth often exceeds the corrected sonic depth. This situation can arise when Matthew's tables are not entirely accurate in a particular area, when there is a sloping bottom where the sonic echo is likely to be reflected from a region upslope of the instrument or, when the STD depth sensor has been calibrated incorrectly. In the latter case, the thermometric depths would be at fault, since STD depth output has been corrected to agree with unprotected thermometer depth determinations.

AIR: Air Temp, degrees centigrade.

DEW: Dew point, degrees centigrate.

WND: First two digits are direction, rounded to nearest ten degrees; third digit is wind force, Beaufort scale.

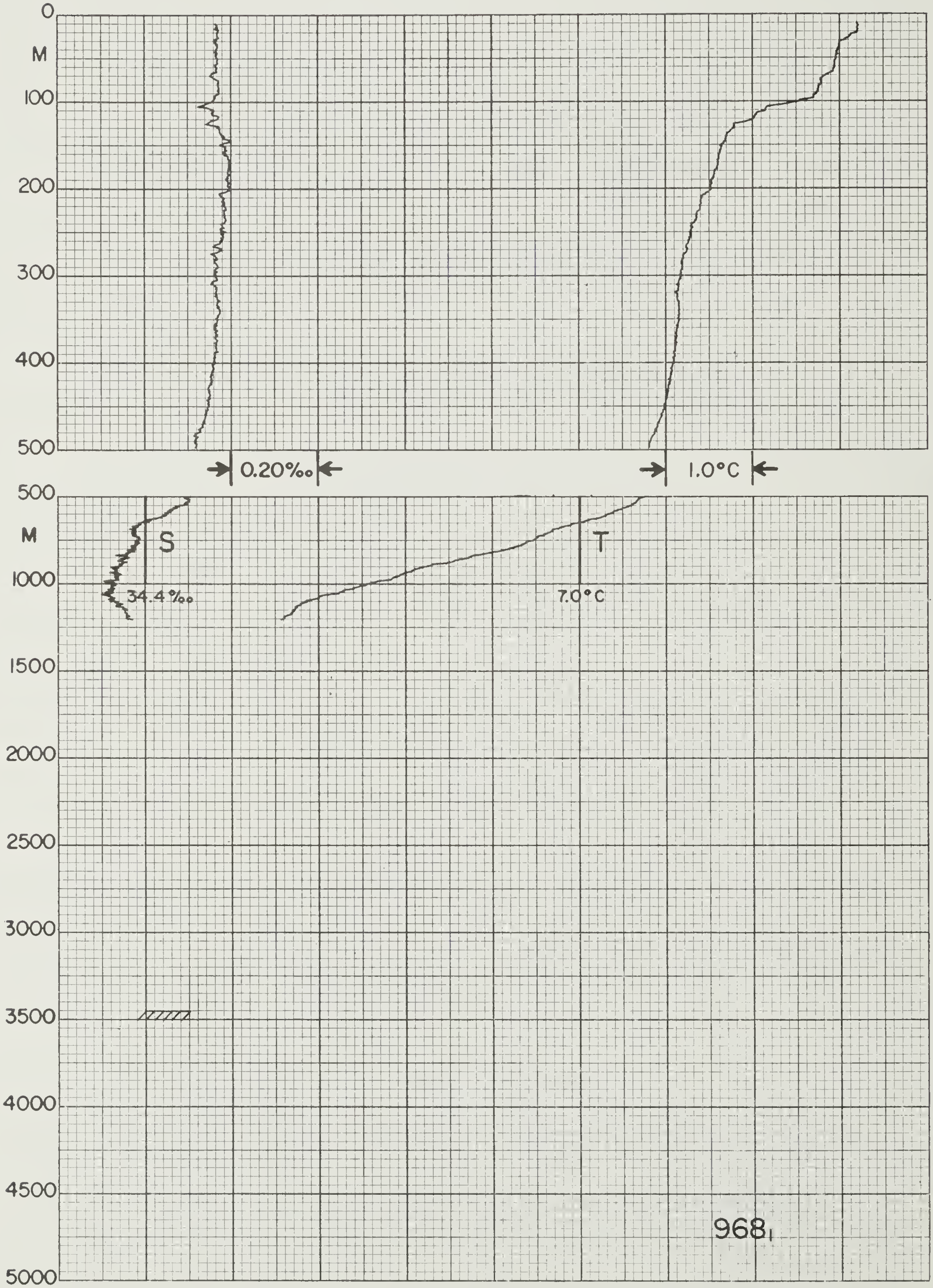
SEA: First two digits are direction, rounded to nearest ten degrees; third digit is sea state, WMO Code 3700.

OBS: Number of serial (Nansen or SAMS) observed levels.

TYPE: OBS= Serial bottle data.
- COM1= Command sampler (SAMS) data obtained during sensor descent.
- COM2= Command sampler (SAMS) data obtained during sensor ascent.

- ISL= Serial station, interpolated standard levels after Reiniger and Ross (1968).
- STD= STD station, linearly interpolated standard levels.

Q: Doubtful data; see separate discussion of nutrient data. STD data recorded on a few stations were not processable and have been dropped entirely.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400
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0.20‰
1.0°C
500
M
1000
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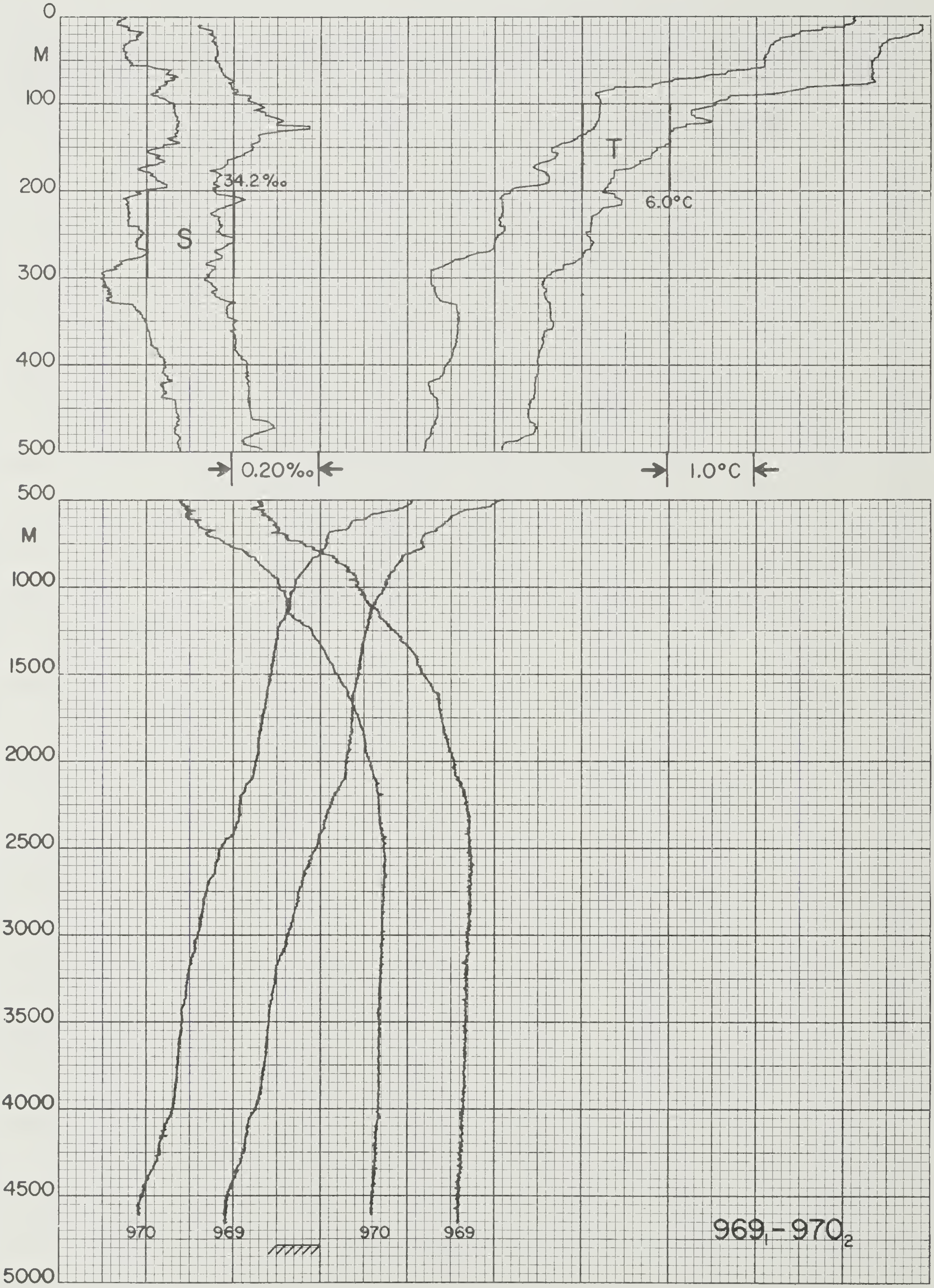
2000
2500
3000
3500
4000
4500
5000
S
T
34.4‰
7.0°C
968_1

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	968	1	1	14	1	69	11.0	4928.1S	16051.7E	463	3449	9.2	5.5	223	262	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	1	9.96	34.568	26.64				630			
COM1	1202	3.57	34.557Q	27.50Q				459			
STD	0	10.19	34.564	26.60	144.78	0.000	1490.5				
STD	10	10.19	34.564	26.60	144.99	0.014	1490.7				
STD	20	10.20	34.569	26.60	145.02	0.029	1490.9				
STD	30	10.05	34.560	26.62	143.41	0.043	1490.5				
STD	50	9.95	34.568	26.64	141.57	0.072	1490.5				
STD	75	9.77	34.566	26.67	139.40	0.107	1490.2				
STD	100	9.53	34.555	26.70	136.85	0.142	1489.7				
STD	125	8.86	34.546	26.81	127.52	0.175	1487.6				
STD	150	8.64	34.574	26.86	122.65	0.206	1487.3				
STD	200	8.52	34.594	26.90	120.20	0.267	1487.6				
STD	250	8.30	34.586	26.92	118.40	0.326	1487.6				
STD	300	8.16	34.563	26.93	118.97	0.386	1487.9				
STD	400	8.08	34.559	26.94	119.76	0.505	1489.2				
STD	500	7.78	34.508	26.94	120.82	0.625	1489.7				
STD	600	7.35	34.447	26.96	120.52	0.746	1489.6				
STD	700	6.68	34.375	26.99	117.70	0.865	1488.5				
STD	800	6.20	34.370	27.05	112.70	0.980	1488.2				
STD	900	5.27	34.341	27.14	103.55	1.088	1486.1				
STD	1000	4.59	34.323	27.21	97.06	1.189	1484.9				
STD	1100	3.85	34.320	27.28	89.09	1.282	1483.5				
STD	1200	3.59	34.353	27.34	84.28	1.368	1484.2				
STD	1211	3.56	34.366	27.35	82.96	1.378	1484.2				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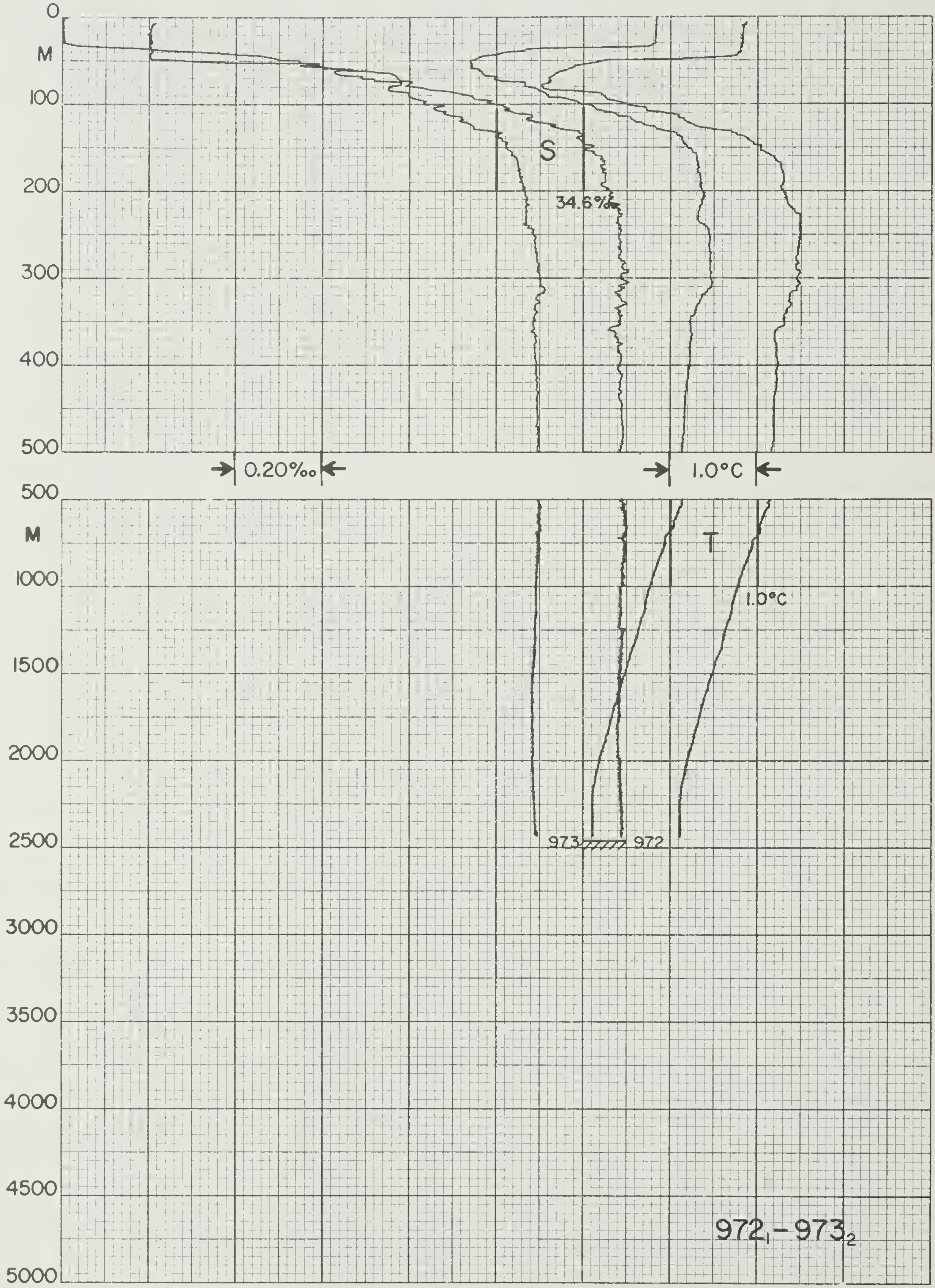
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	969	1	1	15	1	69	21.0	5318.4S	16002.1E	499	4781	9.7	7.1	53	1	7

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	3	8.86	34.128	26.48				661	130	80	1
COM1	1188	2.55	34.549	27.59				423	239	341	66
OBS1	4234	1.15	34.721	27.83				466	227	324	114
OBS1	4334	1.03	34.717	27.84				479	225	326	113
OBS1	4434	0.98	34.702	27.83				472	225	329	116
OBS1	4484	0.94	34.713	27.84				483	236	328	109
COM1	4647	0.89	34.707	27.84				494	227	319	118
STD	0	8.87	34.123	26.47	156.72	0.000	1485.1				
STD	10	8.87	34.123	26.47	156.92	0.016	1485.3				
STD	20	8.85	34.149	26.50	154.73	0.031	1485.4				
STD	30	8.49	34.157	26.56	148.96	0.046	1484.2				
STD	50	8.35	34.157	26.58	147.29	0.076	1484.0				
STD	75	8.36	34.200	26.61	144.71	0.113	1484.5				
STD	100	6.52	34.251	26.92	116.09	0.145	1477.8				
STD	125	6.19	34.299	27.00	108.73	0.173	1477.0				
STD	150	5.95	34.243	26.98	110.24	0.201	1476.3				
STD	200	5.26	34.152	27.00	109.34	0.256	1474.2				
STD	250	5.05	34.170	27.03	106.25	0.309	1474.2				
STD	300	4.59	34.140	27.06	103.77	0.362	1473.1				
STD	400	4.50	34.232	27.14	96.94	0.462	1474.5				
STD	500	4.08	34.266	27.22	90.67	0.556	1474.5				
STD	600	3.49	34.279	27.29	84.08	0.643	1473.6				
STD	700	3.19	34.315	27.34	78.96	0.725	1474.0				
STD	800	3.07	34.400	27.42	72.10	0.801	1475.3				
STD	900	2.84	34.461	27.49	65.78	0.869	1476.1				
STD	1000	2.74	34.482	27.52	63.77	0.934	1477.4				
STD	1100	2.62	34.508	27.55	61.07	0.997	1478.6				
STD	1200	2.54	34.544	27.58	58.15	1.056	1479.9				
STD	1300	2.50	34.584	27.62	55.23	1.113	1481.5				
STD	1400	2.45	34.617	27.65	52.86	1.167	1483.0				
STD	1500	2.44	34.630	27.66	52.26	1.220	1484.7				
STD	1750	2.36	34.675	27.70	49.34	1.347	1488.6				
STD	2000	2.28	34.703	27.73	47.49	1.468	1492.6				
STD	2250	2.12	34.730	27.77	44.66	1.583	1496.2				
STD	2500	1.93	34.742	27.79	42.40	1.692	1499.7				
STD	2750	1.74	34.740	27.81	40.88	1.796	1503.2				
STD	3000	1.62	34.735	27.81	40.36	1.897	1507.0				
STD	3250	1.46	34.731	27.82	39.18	1.997	1510.6				
STD	3500	1.40	34.732	27.82	38.83	2.094	1514.7				
STD	3750	1.35	34.729	27.83	38.87	2.191	1518.9				
STD	4000	1.25	34.725	27.83	38.27	2.288	1522.9				
STD	4250	1.11	34.722	27.84	36.82	2.382	1526.7				
STD	4500	0.94	34.711	27.84	35.21	2.472	1530.4				
STD	4669	0.89	34.712	27.84	34.58	2.531	1533.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	971	0		17	1	69	23.3	5803.0S	15732.6E	500	6123	5.8	2.7	343	292	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	5	5.80	33.846	26.69			1472.8	750	120	204	
OBS	49	3.48	33.842	26.94			1463.9	746	174	239	3
OBS	98	0.94	33.936	27.22			1453.7	742	165	306	17
OBS	147	0.73	33.968	27.26			1453.6	735	206	297	20
OBS	195	1.37	34.104	27.32			1457.5	638	184	326	30
OBS	293	1.62	34.271	27.44			1460.4	537	200	351	46
OBS	489	2.11	34.507	27.59			1466.1	420	214	368	66
OBS	685	2.26	34.626	27.67			1470.2	408	213	354	72
OBS	978	2.17	34.709	27.75			1474.8	427		318	75
OBS	1223	1.97	34.729	27.78			1478.1	440	203	335	80
OBS	1468	1.85	34.748	27.80			1481.7	449	182	326	82
OBS	1548	1.81	34.751	27.81			1482.9	448			84
OBS	1808	1.57	34.745	27.82			1486.2	469	195	327	89
OBS	2248	1.23	34.736	27.84			1492.2	477	169	335	100
OBS	2688	0.97	34.724	27.85			1498.6	485	196	341	109
OBS	3128	0.77	34.713	27.85			1505.4	499	185	342	114
OBS	3568	0.61	34.704	27.85			1512.3	508	165	344	117
OBS	4283	0.56	34.699	27.85			1524.8	511	175	304	120
OBS	5013	0.60	34.696	27.85			1538.0	513	206	347	122
OBS	5478	0.68	34.695	27.84			1546.8	501	188	346	123
OBS	5668	0.69	34.699	27.84			1550.3	508	174	345	123
OBS	5768	0.72	34.693	27.84			1552.2	504	164	344	127
OBS	5818	0.72	34.695	27.84			1553.1	512	182	344	123
ISL	0	5.80	33.846	26.69	136.18	0.000	1472.7				
ISL	10	5.53	33.843	26.72	133.45	0.013	1471.8				
ISL	20	5.00	33.838	26.78	127.97	0.027	1469.8				
ISL	30	4.47	33.837	26.84	122.57	0.039	1467.8				
ISL	50	3.43	33.843	26.95	112.15	0.063	1463.7				
ISL	75	2.12	33.897	27.10	97.29	0.089	1458.5				
ISL	100	0.89	33.938	27.22	85.71	0.112	1453.5				
ISL	125	0.59	33.957	27.25	82.55	0.133	1452.6				
ISL	150	0.75	33.974	27.26	82.19	0.153	1453.7				
ISL	200	1.39	34.116	27.33	75.73	0.193	1457.6				
ISL	250	1.51	34.211	27.40	69.58	0.229	1459.1				
ISL	300	1.64	34.281	27.45	65.37	0.263	1460.6				
ISL	400	1.89	34.415	27.53	57.69	0.324	1463.6				
ISL	500	2.13	34.516	27.60	52.54	0.379	1466.4				
ISL	600	2.23	34.587	27.64	48.67	0.430	1468.6				
ISL	700	2.26	34.633	27.68	46.06	0.477	1470.5				
ISL	800	2.27	34.670	27.71	43.79	0.522	1472.2				
ISL	900	2.22	34.696	27.73	41.91	0.565	1473.7				
ISL	1000	2.16	34.711	27.75	40.69	0.606	1475.1				
ISL	1100	2.07	34.719	27.76	39.63	0.647	1476.4				
ISL	1200	1.99	34.727	27.78	38.67	0.686	1477.7				
ISL	1300	1.93	34.735	27.79	37.97	0.724	1479.2				
ISL	1400	1.88	34.743	27.80	37.26	0.762	1480.7				
ISL	1500	1.83	34.749	27.81	36.69	0.799	1482.2				
ISL	1750	1.62	34.746	27.82	35.50	0.889	1485.5				
ISL	2000	1.41	34.741	27.83	34.28	0.976	1488.8				
ISL	2250	1.23	34.736	27.84	33.16	1.060	1492.2				
ISL	2500	1.07	34.729	27.84	32.32	1.142	1495.8				
ISL	2750	0.94	34.722	27.85	31.60	1.222	1499.5				
ISL	3000	0.82	34.716	27.85	30.93	1.300	1503.4				
ISL	3250	0.72	34.710	27.85	30.30	1.377	1507.3				
ISL	3500	0.63	34.705	27.85	29.68	1.452	1511.2				
ISL	3750	0.58	34.702	27.85	29.37	1.526	1515.4				
ISL	4000	0.56	34.700	27.85	29.42	1.599	1519.7				
ISL	4500	0.56	34.698	27.85	30.00	1.748	1528.6				
ISL	5000	0.60	34.696	27.85	31.13	1.901	1537.8				
ISL	5500	0.68	34.695	27.84	33.03	2.061	1547.2				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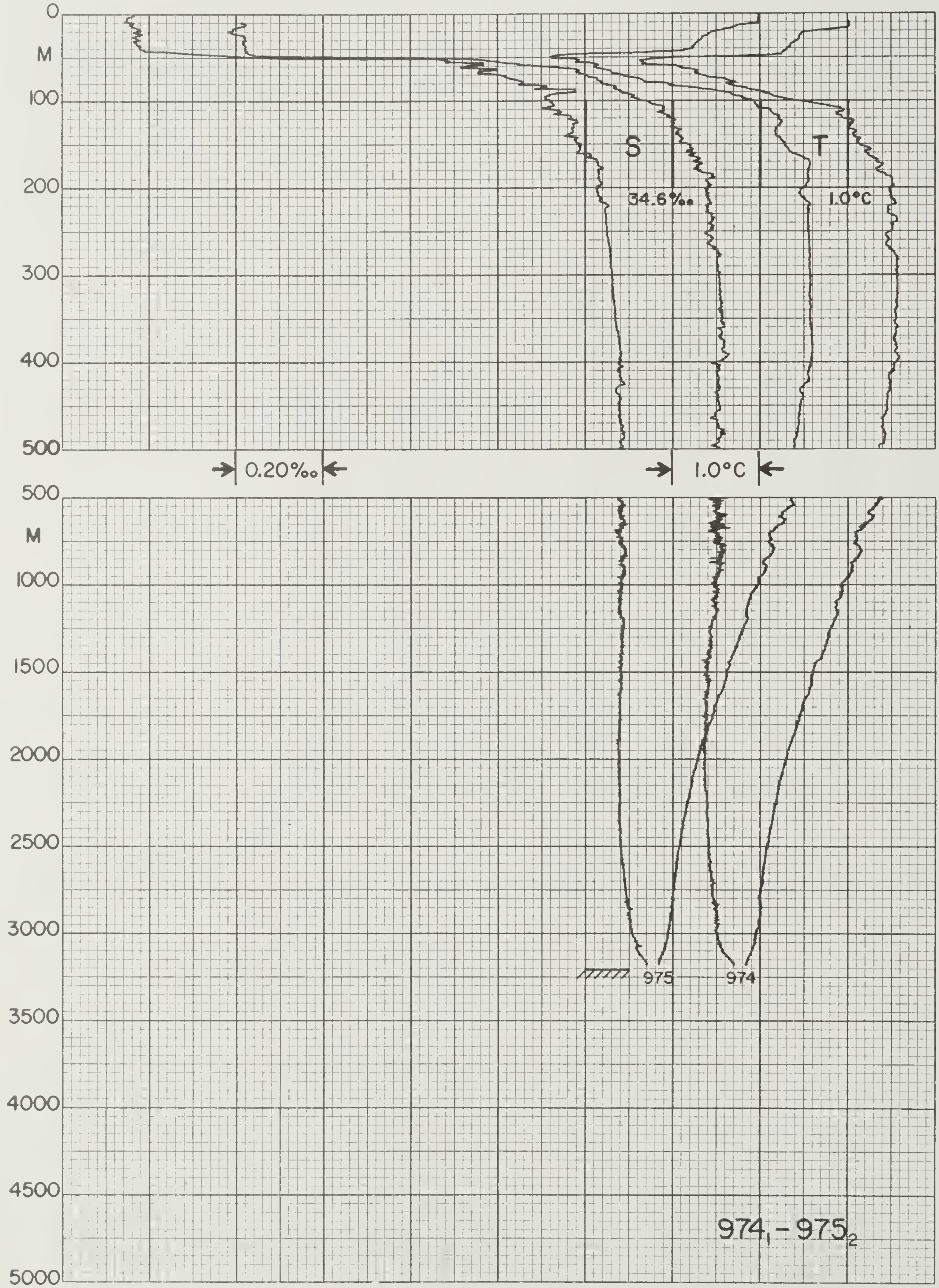
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	972	1	1	20	1	69	6.3	6305.5S	15808.6E	536	2459	1.2	-4.1	145	134	6

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2· ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	5	0.84	33.679	27.02				789	146	234	18
OBS1	2216	0.11	34.693	27.87				521	214	335	126
OBS1	2266	0.10	34.688	27.87				535	213	265	100
OBS1	2315	0.09	34.688	27.87				532	214	335	127
OBS1	2365	0.10	34.688	27.87				537	214	335	127
COM1	2430	0.09	34.690	27.87				529	206	335	127
STD	0	0.87	33.616	26.96	110.07	0.000	1451.3				
STD	10	0.84	33.609	26.96	110.39	0.011	1451.4				
STD	20	0.83	33.599	26.95	111.07	0.022	1451.4				
STD	30	0.82	33.605	26.96	110.59	0.033	1451.6				
STD	50	-0.75	33.649	27.07	99.75	0.054	1444.8				
STD	75	-1.40	34.206	27.54	54.75	0.074	1442.9				
STD	100	-0.52	34.389	27.66	44.00	0.086	1447.7				
STD	125	0.27	34.536	27.74	36.73	0.096	1452.0				
STD	150	1.03	34.623	27.76	34.86	0.105	1455.9				
STD	200	1.28	34.654	27.77	34.32	0.122	1457.9				
STD	250	1.48	34.683	27.78	33.76	0.139	1459.7				
STD	300	1.45	34.687	27.78	33.41	0.156	1460.4				
STD	400	1.23	34.682	27.80	32.38	0.189	1461.0				
STD	500	1.14	34.685	27.80	31.73	0.221	1462.3				
STD	600	1.05	34.695	27.82	30.59	0.252	1463.6				
STD	700	1.01	34.696	27.82	30.37	0.283	1465.1				
STD	800	0.91	34.689	27.82	30.23	0.313	1466.3				
STD	900	0.83	34.686	27.83	29.96	0.343	1467.6				
STD	1000	0.75	34.686	27.83	29.53	0.373	1468.9				
STD	1100	0.71	34.682	27.83	29.58	0.402	1470.4				
STD	1200	0.65	34.681	27.83	29.25	0.432	1471.8				
STD	1300	0.60	34.683	27.84	28.71	0.461	1473.3				
STD	1400	0.53	34.681	27.84	28.38	0.489	1474.7				
STD	1500	0.47	34.682	27.84	27.82	0.517	1476.1				
STD	1750	0.32	34.679	27.85	26.69	0.585	1479.6				
STD	2000	0.17	34.680	27.86	25.24	0.650	1483.3				
STD	2250	0.09	34.685	27.87	23.94	0.712	1487.2				
STD	2448	0.09	34.684	27.87	23.93	0.759	1490.6				
COM2	53	-1.24	34.121	27.47				727	198	295	62
COM2	289	1.45	34.716	27.81				481	205	325	90
COM2	1998	0.18	34.685	27.86				530	213	335	125
COM2	2008	0.17									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CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	974	1	1	22	1	69	11.5	6515.2S	15602.5E	536	3188	-1.0	-6.1	243	1	9

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	3	1.00	33.635	26.97				782	179	254	24
COM1	1205	0.83	34.716	27.85				480	223	304	112
COM1	1758	0.43	34.693	27.86				499	243	335	122
OBS1	2774	-0.02	34.692	27.88				519	254	334	119
OBS1	2970	-0.07	34.696	27.89				527	238	334	117
OBS1	3023	-0.08	34.694	27.88				531	220	334	117
OBS1	3070	-0.11	34.707	27.90				525	239	333	110
OBS1	3120	-0.13	34.714	27.90				534	240	333	110
COM1	3174	-0.19	34.728	27.92				541	240	334	109
STD	0	1.00	33.613	26.95	111.07	0.000	1451.9				
STD	10	1.00	33.615	26.96	110.91	0.011	1452.1				
STD	20	0.61	33.582	26.95	111.14	0.022	1450.4				
STD	30	0.42	33.621	26.99	107.20	0.033	1449.8				
STD	50	-0.89	33.951	27.32	76.10	0.051	1444.6				
STD	75	-0.40	34.427	27.68	41.68	0.066	1447.9				
STD	100	0.39	34.525	27.72	38.22	0.076	1452.1				
STD	125	1.04	34.596	27.74	36.88	0.086	1455.5				
STD	150	1.12	34.632	27.76	34.71	0.094	1456.3				
STD	200	1.48	34.679	27.78	33.88	0.112	1458.8				
STD	250	1.49	34.684	27.78	33.75	0.129	1459.7				
STD	300	1.55	34.704	27.79	32.89	0.145	1460.8				
STD	400	1.54	34.703	27.79	33.24	0.178	1462.5				
STD	500	1.34	34.706	27.81	31.78	0.211	1463.2				
STD	600	1.22	34.706	27.82	31.05	0.242	1464.4				
STD	700	1.07	34.682	27.81	31.91	0.274	1465.3				
STD	800	1.12	34.709	27.83	30.47	0.305	1467.2				
STD	900	1.02	34.704	27.83	30.34	0.335	1468.5				
STD	1000	0.91	34.694	27.83	30.24	0.366	1469.6				
STD	1100	0.84	34.690	27.83	30.15	0.396	1471.0				
STD	1200	0.82	34.690	27.83	30.11	0.426	1472.6				
STD	1300	0.75	34.682	27.83	30.20	0.456	1473.9				
STD	1400	0.68	34.680	27.83	29.86	0.486	1475.3				
STD	1500	0.57	34.673	27.83	29.46	0.516	1476.5				
STD	1750	0.42	34.670	27.84	28.34	0.588	1480.1				
STD	2000	0.27	34.668	27.84	27.13	0.657	1483.7				
STD	2250	0.15	34.672	27.85	25.51	0.723	1487.4				
STD	2500	0.05	34.675	27.86	24.20	0.785	1491.3				
STD	2750	-0.02	34.685	27.87	22.45	0.844	1495.3				
STD	3000	-0.08	34.696	27.89	20.95	0.898	1499.5				
STD	3189	-0.19	34.734	27.92	16.77	0.934	1502.3				
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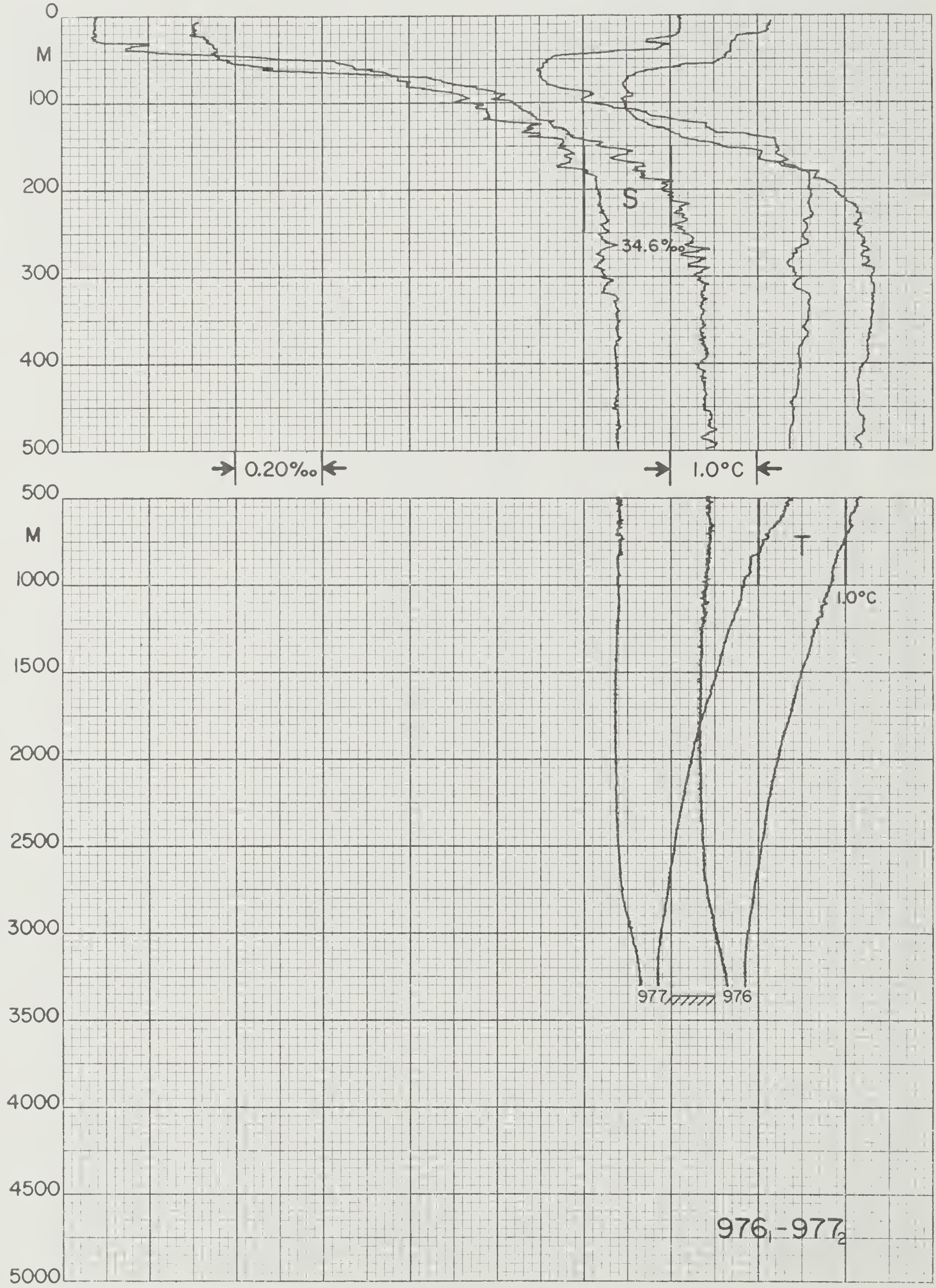
COM2	369	1.57	34.719Q	27.80Q				446	217	321	89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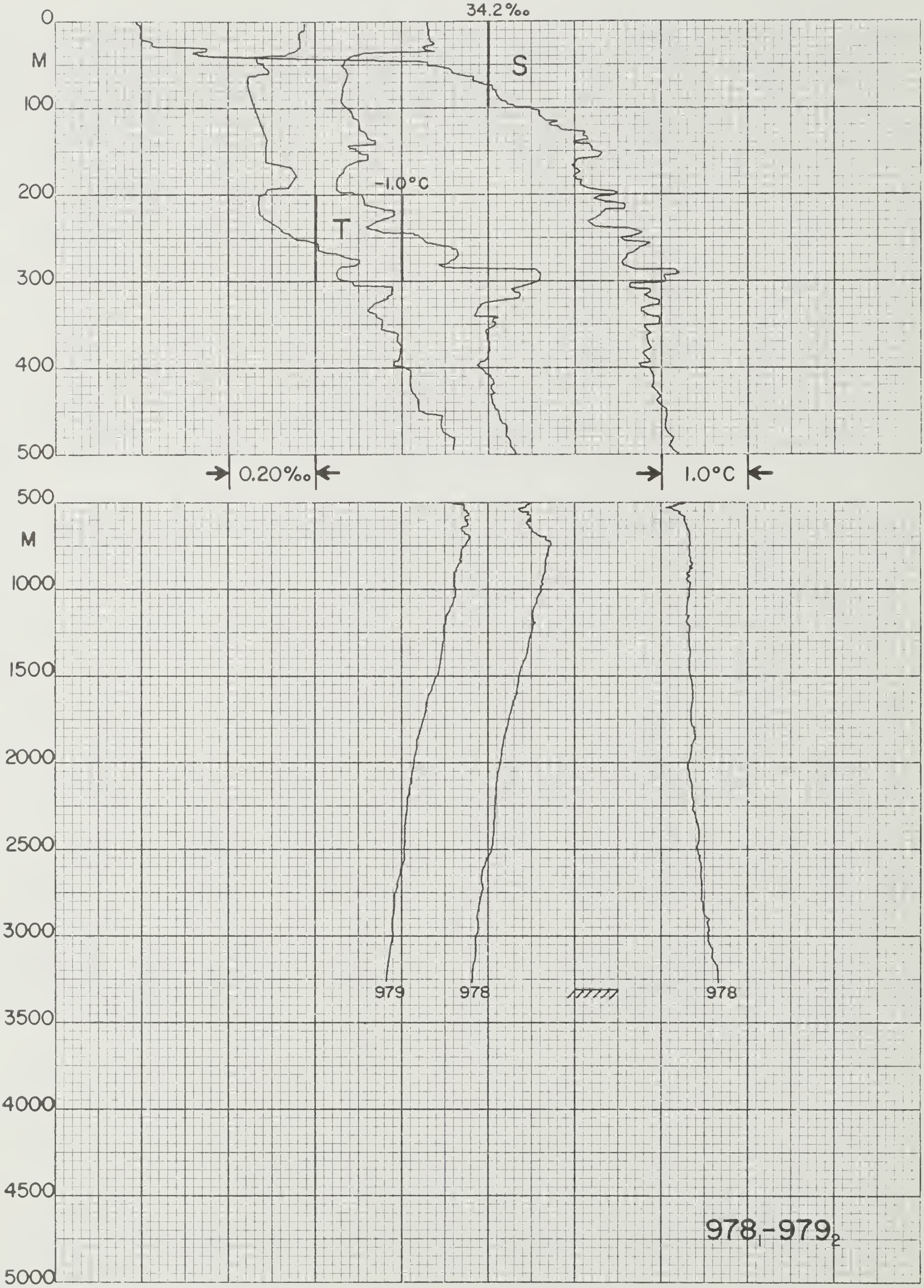
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	976	1	1	23	1	69	12.0	6440.5S	15236.5E	536	3315	1.2	-3.0	55	53	6

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	3	0.15	33.541	26.94				800	185	277	40
OBS1	2885	-0.08	34.695	27.88				525	210	328	118
OBS1	3078	-0.15	34.712	27.90				540	236	328	113
OBS1	3174	-0.16	34.716	27.91				534	235	327	112
OBS1	3223	-0.13	34.719	27.91				540	233	327	112
COM1	3292		34.719					548	166	326	
STD	0	0.15	33.514	26.92	114.00	0.000	1447.9				
STD	10	0.14	33.505	26.92	114.62	0.011	1448.0				
STD	20	0.08	33.508	26.92	114.12	0.023	1447.9				
STD	30	-0.26	33.535	26.96	110.50	0.034	1446.6				
STD	50	-0.37	33.562	26.99	107.88	0.056	1446.4				
STD	75	-1.51	34.075	27.44	64.47	0.077	1442.2				
STD	100	-1.52	34.238	27.57	51.83	0.092	1442.8				
STD	125	-1.26	34.325	27.64	45.91	0.104	1444.6				
STD	150	-0.43	34.433	27.69	40.94	0.115	1449.0				
STD	200	0.91	34.583	27.74	37.17	0.135	1456.2				
STD	250	1.14	34.631	27.76	35.20	0.153	1458.1				
STD	300	1.31	34.655	27.77	34.70	0.170	1459.7				
STD	400	1.23	34.672	27.79	33.14	0.204	1461.0				
STD	500	1.17	34.682	27.80	32.15	0.237	1462.4				
STD	600	1.07	34.682	27.81	31.69	0.269	1463.7				
STD	700	1.04	34.687	27.81	31.27	0.300	1465.2				
STD	800	0.94	34.687	27.82	30.64	0.331	1466.4				
STD	900	0.86	34.684	27.82	30.40	0.362	1467.7				
STD	1000	0.84	34.679	27.82	30.72	0.392	1469.3				
STD	1100	0.75	34.675	27.82	30.42	0.423	1470.6				
STD	1200	0.68	34.672	27.82	30.17	0.453	1471.9				
STD	1300	0.62	34.666	27.82	30.17	0.483	1473.3				
STD	1400	0.57	34.668	27.83	29.75	0.513	1474.8				
STD	1500	0.49	34.666	27.83	29.17	0.543	1476.2				
STD	1750	0.36	34.665	27.84	28.17	0.614	1479.8				
STD	2000	0.22	34.662	27.84	27.02	0.683	1483.5				
STD	2250	0.11	34.667	27.85	25.48	0.749	1487.3				
STD	2500	0.03	34.671	27.86	24.19	0.811	1491.2				
STD	2750	-0.06	34.680	27.87	22.42	0.869	1495.2				
STD	3000	-0.13	34.697	27.89	20.24	0.923	1499.2				
STD	3250	-0.17	34.723	27.91	17.65	0.970	1503.5				
STD	3317	-0.16	34.726	27.91	17.56	0.982	1504.7				
PING	40										
COM2	739	1.08	34.712	27.83				475	228	311	101
COM2	1032	0.82	34.705	27.84				488	235	325	109
COM2	2157	0.17	34.681	27.86				514	232	332	129
COM2	2753	-0.03	34.678	27.87				530	237	329	123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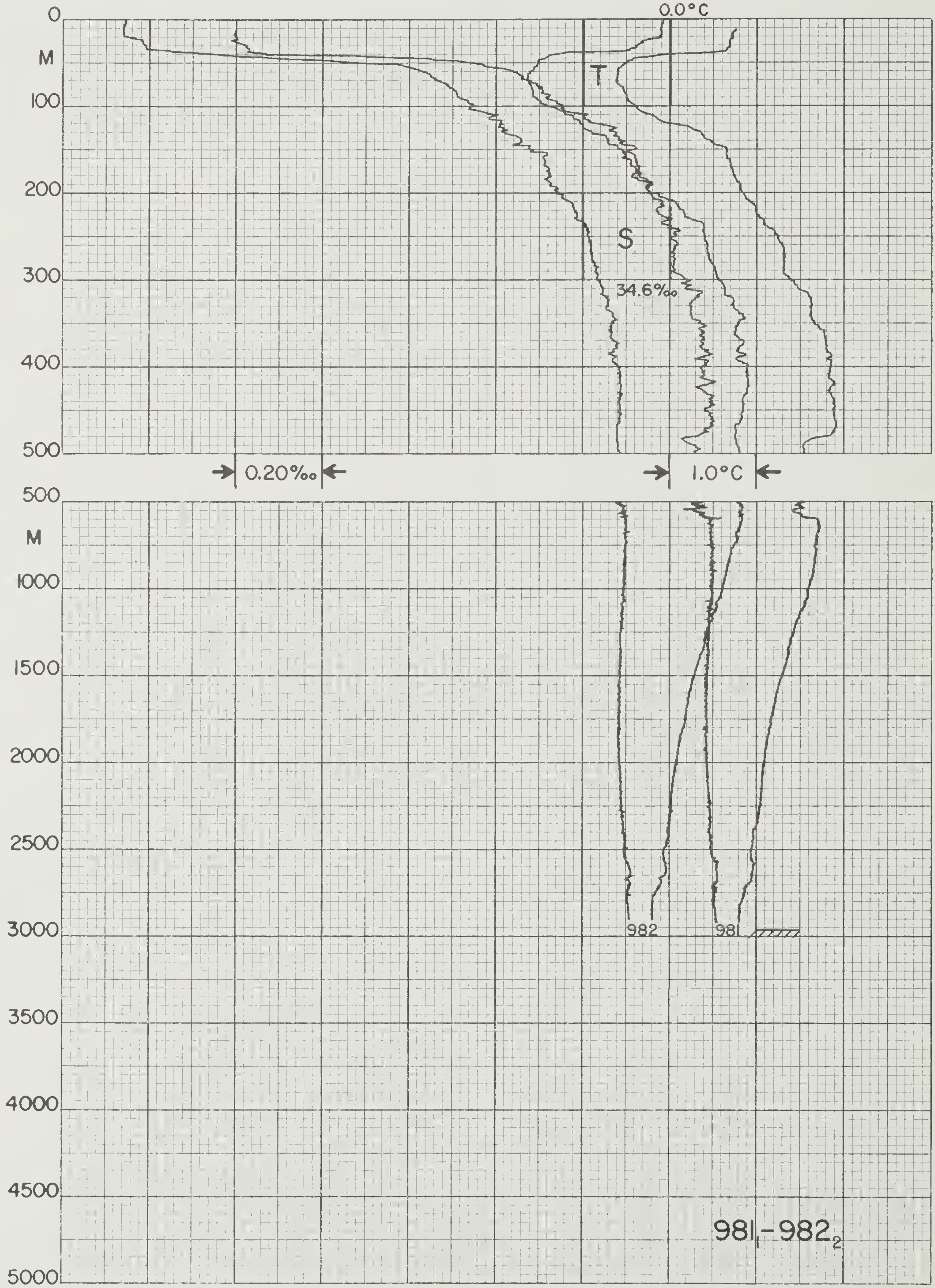
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	978	1	3	24	1	69	6.7	6451.8S	15026.4E	536	3307	0.4	-2.7	97	74	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	6	-0.68	33.434	26.90				769	189	262	36
COM1	3257	-0.17	34.726	27.91				549	233	314	112
STD	0	-0.70	33.388	26.86	120.07	0.000	1443.8				
STD	10	-0.68	33.399	26.87	119.27	0.012	1444.1				
STD	20	-0.67	33.399	26.87	119.26	0.024	1444.3				
STD	30	-0.75	33.513	26.96	110.17	0.035	1444.3				
STD	50	-1.67	34.061	27.43	65.20	0.053	1441.0				
STD	75	-1.67	34.211	27.56	53.61	0.068	1441.7				
STD	100	-1.63	34.300	27.63	46.71	0.080	1442.4				
STD	125	-1.48	34.369	27.68	41.75	0.091	1443.6				
STD	150	-1.52	34.446	27.74	35.63	0.101	1444.0				
STD	200	-1.54	34.495	27.78	31.57	0.118	1444.8				
STD	250	-0.78	34.510	27.77	33.22	0.134	1449.2				
STD	300	0.59	34.609	27.78	33.15	0.151	1456.4				
STD	400	-0.10	34.563	27.78	32.48	0.183	1454.9				
STD	500	0.34	34.640	27.82	29.36	0.214	1458.6				
STD	600	0.46	34.653	27.82	29.33	0.244	1460.9				
STD	700	0.64	34.665	27.82	29.81	0.273	1463.4				
STD	800	0.68	34.664	27.82	30.27	0.303	1465.2				
STD	900	0.66	34.664	27.82	30.26	0.334	1466.8				
STD	1000	0.61	34.663	27.82	29.99	0.364	1468.2				
STD	1100	0.54	34.658	27.82	29.86	0.394	1469.6				
STD	1200	0.52	34.660	27.82	29.72	0.423	1471.2				
STD	1300	0.47	34.663	27.83	29.05	0.453	1472.7				
STD	1400	0.43	34.664	27.83	28.71	0.482	1474.2				
STD	1500	0.36	34.666	27.84	27.89	0.510	1475.5				
STD	1750	0.23	34.667	27.85	26.74	0.578	1479.2				
STD	2000	0.14	34.661	27.85	26.20	0.644	1483.1				
STD	2250	0.07	34.672	27.86	24.65	0.708	1487.1				
STD	2500	0.03	34.682	27.87	23.48	0.768	1491.2				
STD	2750	-0.08	34.692	27.88	21.29	0.824	1495.1				
STD	3000	-0.15	34.707	27.90	19.30	0.875	1499.2				
STD	3250	-0.19	34.729	27.92	16.90	0.920	1503.4				
STD	3269	-0.20	34.730	27.92	16.90	0.923	1503.7				
PING	46										
COM2	55	-1.75	34.109	27.47				692	217	299	60
COM2	137	-1.56	34.375	27.69				665	223	307	72
COM2	2972		34.710					539	233	317	113
COM2	2985	-0.10	34.706	27.89				537	231	302	112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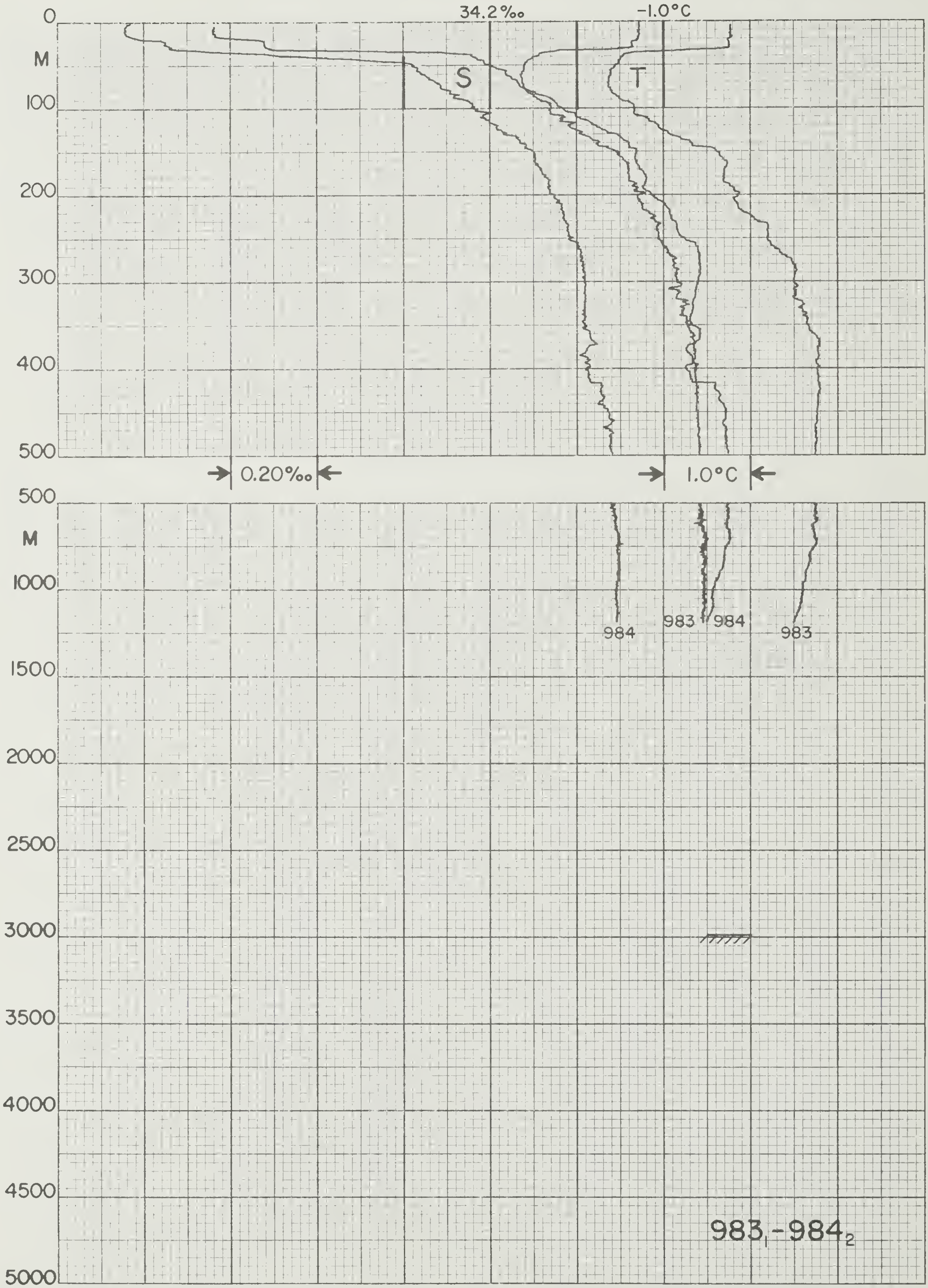
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	980	0		24	1	69	8.8	6450.2S	15027.1E	536	3308	0.4	-2.4	87	74	11

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	420	0.07	34.614	27.81			1456.1	550	224	310	91
OBS	712	0.67	34.686	27.84			1463.7	494	225	280	105
OBS	1005	0.63	34.694	27.84			1468.5	491	236	315	114
OBS	1298		34.690					498	232	323	120
OBS	1590	0.33	34.686	27.86			1477.0	504	232	324	123
OBS	1884	0.19	34.683	27.86			1481.3	511	234	325	125
OBS	2177	0.07	34.682	27.87			1485.8	521	233	321	120
OBS	2482	0.07	34.694	27.88			1491.1	517	234	323	116
OBS	2728	-0.06	34.692	27.88			1494.7	537	242	289	118
OBS	2890	-0.09	34.698	27.89			1497.4	532	231	308	114
OBS	2972	-0.10	34.707	27.90			1498.8	539	236	301	112

EL 37	981	1	1	25	1	69	11.0	6530.4S	14721.7E	537	2915	0.0	-3.4	104	102	6

COM1	2	-0.27	33.608	27.02				819	198	275	46
OBS1	2215	0.05	34.688	27.87				536	226	320	120
OBS1	2511	-0.08	34.692	27.88				539	236	317	119
OBS1	2708	-0.14	34.702	27.89				552	230	315	114
OBS1	2808	-0.21	34.698	27.89				553	242	316	116
COM1	2893	-0.21	34.703	27.90				557	232	317	115
STD	0	-0.25	33.598	27.01	105.77	0.000	1446.2				
STD	10	-0.25	33.598	27.01	105.74	0.011	1446.4				
STD	20	-0.28	33.600	27.01	105.42	0.021	1446.4				
STD	30	-0.32	33.623	27.03	103.44	0.032	1446.4				
STD	50	-1.51	34.137	27.49	59.84	0.048	1441.9				
STD	75	-1.61	34.292	27.62	47.55	0.061	1442.1				
STD	100	-1.41	34.352	27.66	43.45	0.073	1443.5				
STD	125	-0.77	34.472	27.74	36.51	0.083	1447.1				
STD	150	-0.36	34.522	27.76	34.51	0.092	1449.5				
STD	200	-0.17	34.552	27.77	33.09	0.108	1451.2				
STD	250	0.24	34.613	27.80	30.76	0.124	1454.0				
STD	300	0.38	34.634	27.81	29.97	0.140	1455.5				
STD	400	0.84	34.677	27.82	29.95	0.170	1459.3				
STD	500	0.52	34.652	27.82	29.73	0.199	1459.5				
STD	600	0.62	34.714	27.86	25.87	0.227	1461.7				
STD	700	0.67	34.690	27.84	28.13	0.254	1463.5				
STD	800	0.66	34.694	27.84	27.86	0.282	1465.2				
STD	900	0.63	34.700	27.85	27.29	0.310	1466.7				
STD	1000	0.57	34.693	27.85	27.49	0.337	1468.1				
STD	1100	0.53	34.688	27.85	27.57	0.365	1469.6				
STD	1200	0.43	34.686	27.85	26.94	0.392	1470.8				
STD	1300	0.38	34.684	27.85	26.71	0.419	1472.3				
STD	1400	0.33	34.684	27.85	26.40	0.445	1473.8				
STD	1500	0.27	34.683	27.86	25.93	0.472	1475.2				
STD	1750	0.15	34.680	27.86	24.93	0.535	1478.9				
STD	2000	0.07	34.681	27.87	24.13	0.596	1482.8				
STD	2250	0.02	34.687	27.87	23.07	0.655	1486.9				
STD	2500	-0.08	34.690	27.88	21.64	0.711	1490.8				
STD	2750	-0.16	34.698	27.89	19.99	0.763	1494.8				
STD	2925	-0.22	34.704	27.90	18.70	0.797	1497.5				
PING	37										
COM2	268	0.43	34.615	27.79				545	222	310	88
COM2	474	0.77	34.684	27.83				513	224	310	99
COM2	1395	0.34	34.683	27.85					233	324	123



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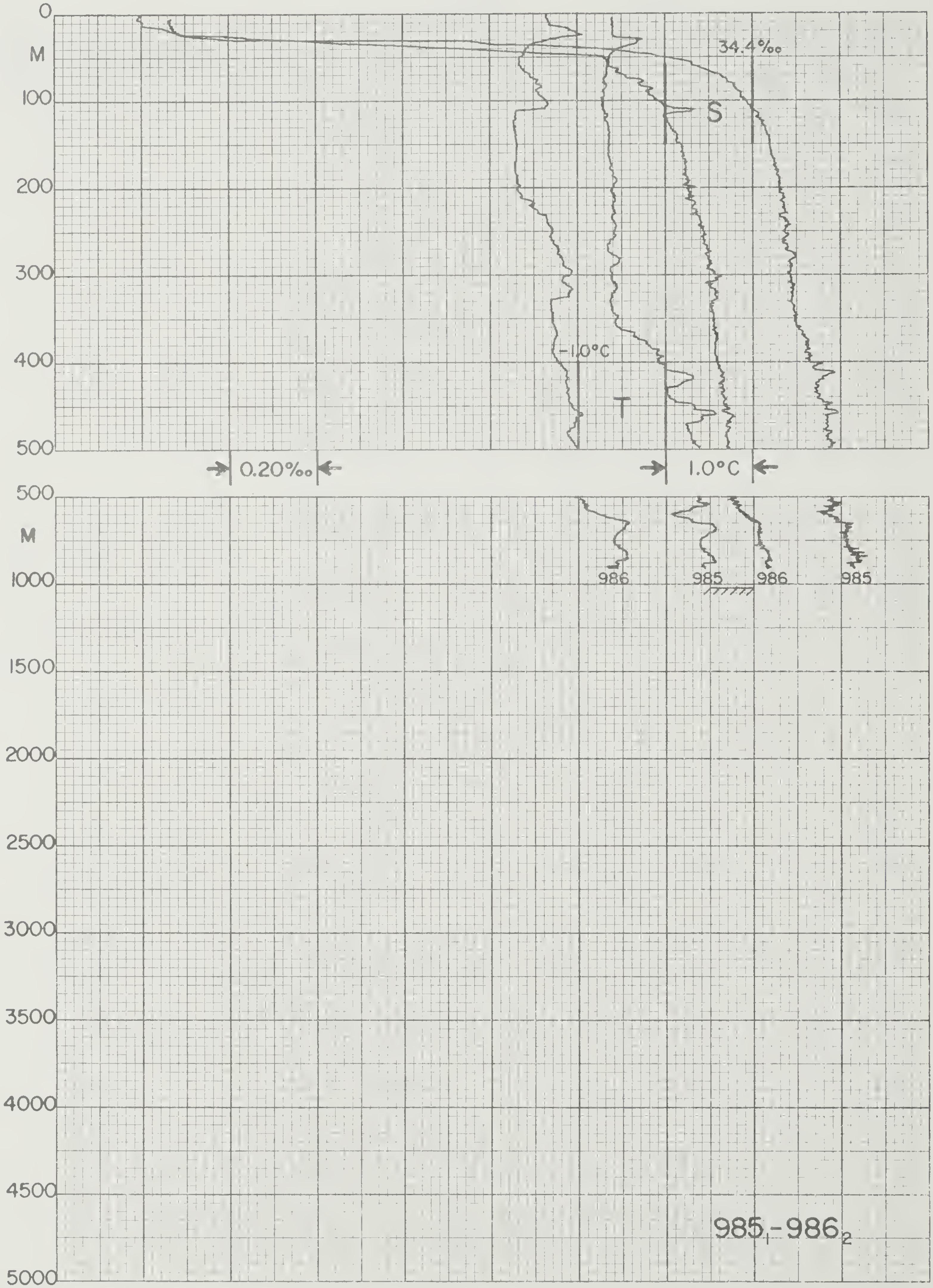
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	983	1	1	25	1	69	15.5	6529.7S	14723.2E	537	2994	0.0	-3.5	105	82	0

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2\cdot$ml/l	PHOS $10^2\cdot\mu$gat/l	NITR $10\cdot\mu$gat/l	SILIC μgat/l
STD	0	-0.23	33.564	26.98	108.52	0.000	1446.3				
STD	10	-0.22	33.562	26.98	108.59	0.011	1446.4				
STD	20	-0.23	33.633	27.04	103.19	0.021	1446.7				
STD	30	-0.24	33.687	27.08	98.94	0.032	1446.9				
STD	50	-1.55	34.198	27.54	55.09	0.047	1441.8				
STD	75	-1.63	34.270	27.60	49.14	0.060	1441.9				
STD	100	-1.33	34.341	27.65	44.52	0.072	1443.9				
STD	125	-1.03	34.397	27.69	41.26	0.082	1445.8				
STD	150	-0.39	34.490	27.74	36.75	0.092	1449.3				
STD	200	-0.13	34.546	27.77	33.77	0.110	1451.4				
STD	250	0.19	34.587	27.78	32.41	0.126	1453.7				
STD	300	0.49	34.630	27.80	31.01	0.142	1456.0				
STD	400	0.77	34.670	27.82	29.89	0.173	1458.9				
STD	500	0.72	34.679	27.83	29.11	0.202	1460.4				
STD	600	0.74	34.686	27.83	28.78	0.231	1462.2				
STD	700	0.73	34.690	27.84	28.54	0.260	1463.8				
STD	800	0.66	34.689	27.84	28.28	0.288	1465.2				
STD	900	0.62	34.688	27.84	28.10	0.316	1466.6				
STD	1000	0.59	34.691	27.84	27.73	0.344	1468.2				
STD	1100	0.55	34.692	27.85	27.48	0.372	1469.7				
STD	1194	0.48	34.688	27.85	27.20	0.398	1471.0				
COM2	373	0.30	34.646	27.83				539	223	314	98
COM2	850	0.64									
COM2	852	0.65									
COM2	853	0.65	34.695	27.84				493	196	289	112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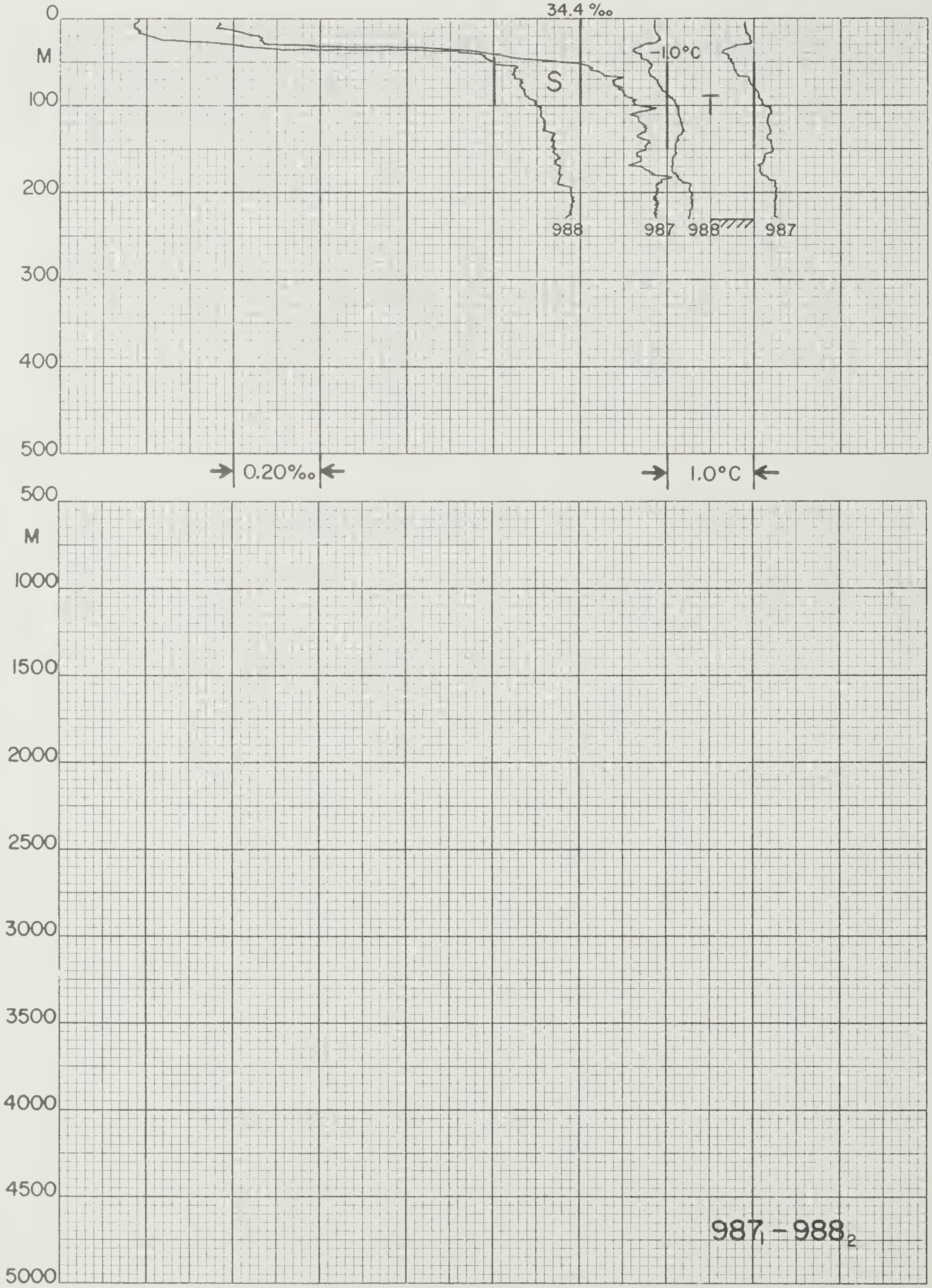
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	985	1	1	25	1	69	19.4	6552.3S	14721.2E	537	1021	0.2	-3.8	95	104	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	920	-0.58	34.629	27.86				616	213	318	108
STD	0	-1.61	33.066	26.63	142.07	0.000	1439.1				
STD	10	-1.60	33.065	26.63	142.15	0.014	1439.3				
STD	20	-1.60	33.077	26.64	141.16	0.028	1439.5				
STD	30	-1.26	33.207	26.73	131.98	0.042	1441.5				
STD	50	-1.64	34.186	27.53	55.71	0.061	1441.4				
STD	75	-1.70	34.338	27.66	43.80	0.073	1441.7				
STD	100	-1.71	34.386	27.70	39.95	0.084	1442.1				
STD	125	-1.67	34.424	27.73	36.97	0.093	1442.8				
STD	150	-1.65	34.440	27.74	35.70	0.102	1443.3				
STD	200	-1.60	34.461	27.76	34.03	0.120	1444.4				
STD	250	-1.58	34.471	27.76	32.97	0.137	1445.4				
STD	300	-1.61	34.483	27.77	31.70	0.153	1446.1				
STD	400	-1.08	34.527	27.79	30.09	0.184	1450.3				
STD	500	-0.63	34.574	27.81	28.43	0.213	1454.1				
STD	600	-0.92	34.563	27.82	27.47	0.241	1454.4				
STD	700	-0.46	34.607	27.83	26.55	0.268	1458.3				
STD	800	-0.61	34.614	27.85	24.86	0.294	1459.3				
STD	900	-0.59	34.624	27.85	24.04	0.318	1461.1				
STD	917	-0.57	34.627	27.85	23.94	0.322	1461.4				
COM2	396	-1.29	34.514	27.79				669	208	307	89
COM2	401	-1.29	34.517	27.79				667	207	305	90
COM2	511	-1.00	34.552	27.81				655	212	309	94
COM2	962	-1.08	34.596	27.85				648	209	313	99
COM2	928	-0.75	34.616	27.85				612	220	313	106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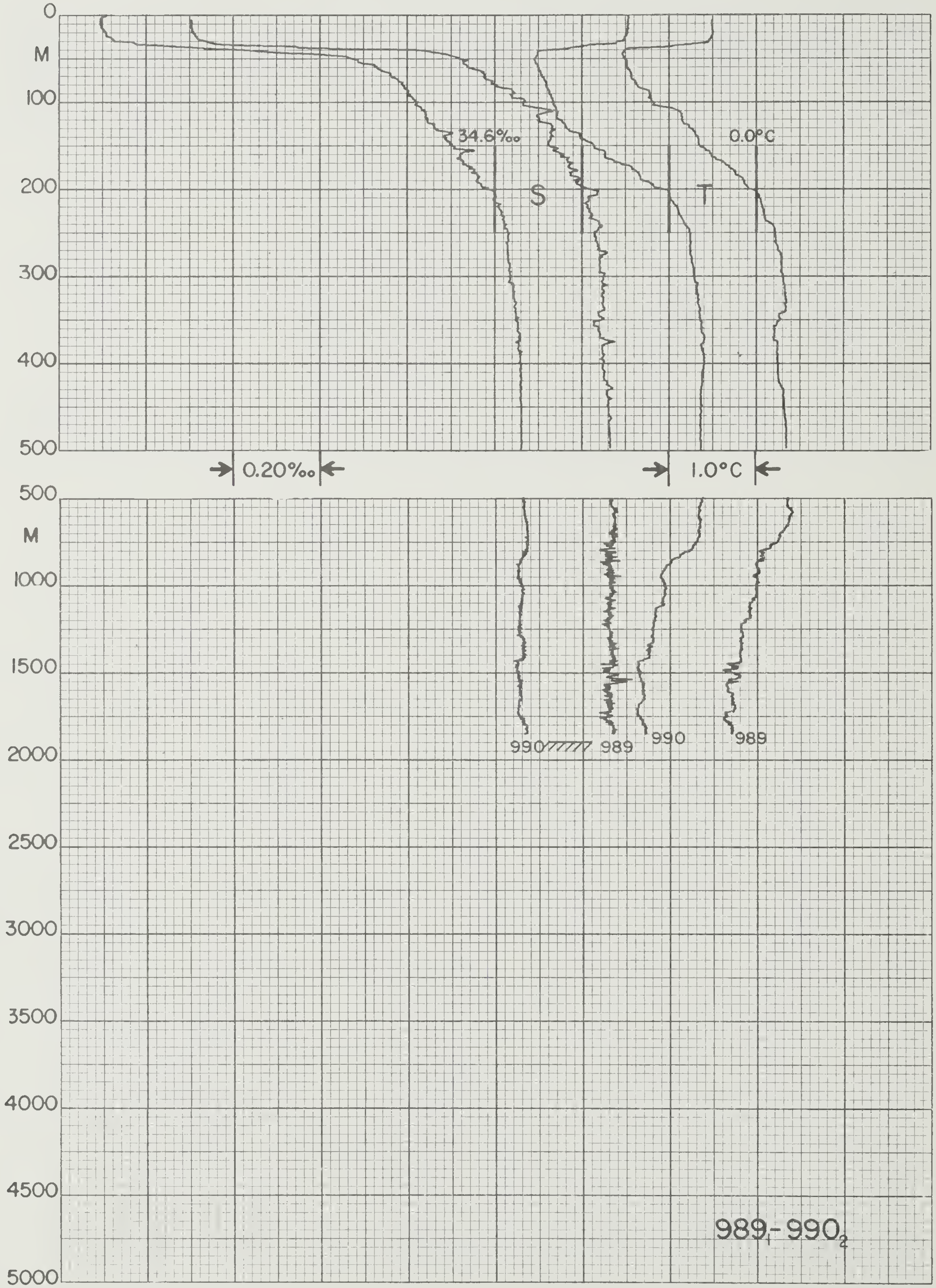
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	987	1	1	26	1	69	15.2	6604.9S	14501.3E	537	223	0.8	-1.5	54	23	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	226	-0.76	34.578	27.82				618	202	316	93
STD	0	-1.10	33.569	27.02	104.84	0.000	1442.2				
STD	10	-1.11	33.564	27.02	105.15	0.010	1442.3				
STD	20	-1.06	33.654	27.09	98.36	0.021	1442.9				
STD	30	-1.08	33.680	27.11	96.27	0.030	1442.9				
STD	50	-1.26	34.352	27.66	44.14	0.044	1443.4				
STD	75	-1.04	34.477	27.75	35.26	0.054	1445.0				
STD	100	-0.89	34.531	27.79	31.65	0.063	1446.2				
STD	125	-0.83	34.546	27.80	30.66	0.071	1446.9				
STD	150	-0.78	34.550	27.80	30.43	0.078	1447.5				
STD	200	-0.75	34.575	27.82	28.55	0.093	1448.6				
STD	229	-0.74	34.573	27.82	28.69	0.101	1449.1				
PING	7										
COM2	122	-0.84	34.521	27.78				631	204	310	90
COM2	223	-0.75	34.579	27.82				618	203	313	98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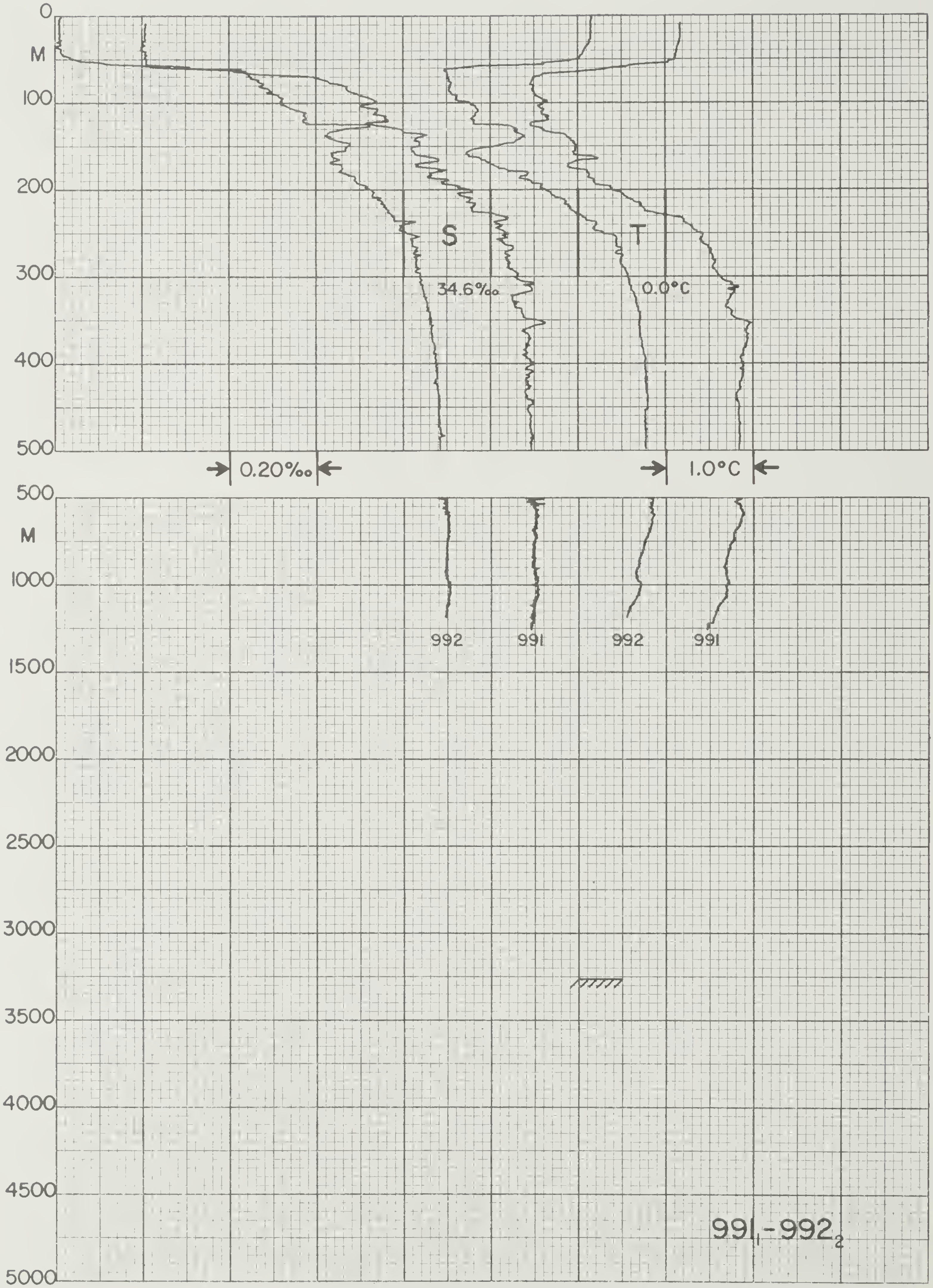
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	989	1	1	26	1	69	18.8	6554.7S	14500.0E	537	1897	0.4	-0.2	64	53	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	2	-0.48	33.714	27.11				792	182	279	45
STD	0	-0.49	33.704	27.11	96.69	0.000	1445.2				
STD	10	-0.50	33.705	27.11	96.56	0.010	1445.4				
STD	20	-0.48	33.708	27.11	96.36	0.019	1445.6				
STD	30	-0.54	33.738	27.13	93.82	0.029	1445.6				
STD	50	-1.51	34.322	27.64	45.66	0.043	1442.2				
STD	75	-1.40	34.391	27.69	40.59	0.054	1443.2				
STD	100	-1.19	34.469	27.75	35.24	0.063	1444.7				
STD	125	-0.82	34.526	27.78	32.17	0.071	1446.9				
STD	150	-0.65	34.526	27.78	32.84	0.080	1448.1				
STD	200	-0.07	34.618	27.82	28.67	0.095	1451.8				
STD	250	0.23	34.631	27.82	29.27	0.109	1454.0				
STD	300	0.31	34.651	27.83	28.28	0.124	1455.2				
STD	400	0.26	34.651	27.83	28.00	0.152	1456.6				
STD	500	0.36	34.665	27.84	27.64	0.180	1458.8				
STD	600	0.39	34.672	27.84	27.39	0.207	1460.6				
STD	700	0.29	34.663	27.84	27.38	0.235	1461.8				
STD	800	0.08	34.641	27.83	27.54	0.262	1462.5				
STD	900	0.00	34.661	27.85	25.39	0.289	1463.8				
STD	1000	-0.00	34.666	27.86	24.93	0.314	1465.5				
STD	1100	-0.05	34.664	27.86	24.70	0.339	1467.0				
STD	1200	-0.13	34.654	27.85	24.74	0.363	1468.3				
STD	1300	-0.16	34.664	27.86	23.64	0.387	1469.8				
STD	1400	-0.20	34.669	27.87	22.89	0.411	1471.4				
STD	1500	-0.33	34.654	27.86	22.80	0.434	1472.4				
STD	1750	-0.34	34.665	27.87	21.51	0.489	1476.6				
STD	1855	-0.28	34.671	27.88	21.45	0.511	1478.7				
PING	40										
COM2	656	0.35	34.674	27.84				522	202	246	94
COM2	1095	-0.07	34.666	27.86				544	206	240	98
COM2	1736	-0.37	34.652	27.86				583	207	319	114
COM2	1743	-0.37	34.653	27.87				586	205	315	112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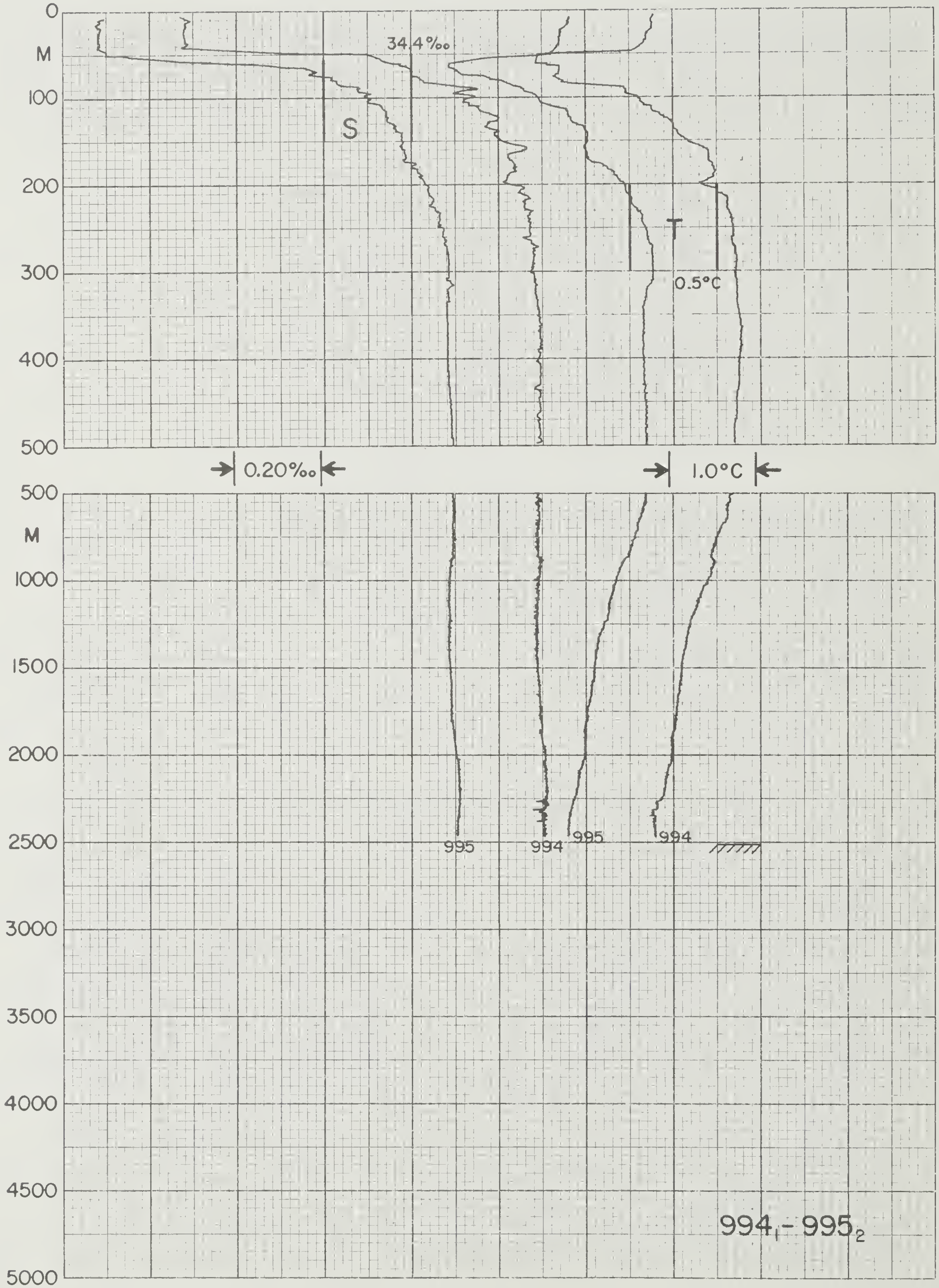
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	991	1	1	27	1	69	13.5	6501.0S	14454.1E	537	3262	1.6	1.1	54	52	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	1	0.18	33.816	27.16				779	178	273	37
COM1	1207	0.53	34.696	27.85				498	201	320	128
STD	0	0.18	33.809	27.16	91.62	0.000	1448.5				
STD	10	0.17	33.809	27.16	91.64	0.009	1448.6				
STD	20	0.17	33.808	27.16	91.71	0.018	1448.8				
STD	30	0.16	33.802	27.15	92.05	0.028	1448.9				
STD	50	0.11	33.811	27.16	91.09	0.046	1449.0				
STD	75	-1.53	34.228	27.57	52.69	0.064	1442.4				
STD	100	-1.40	34.332	27.65	44.98	0.076	1443.5				
STD	125	-1.54	34.330	27.65	44.61	0.087	1443.3				
STD	150	-1.02	34.434	27.72	38.35	0.098	1446.3				
STD	200	-0.61	34.554	27.80	30.84	0.115	1449.2				
STD	250	0.40	34.636	27.81	29.92	0.130	1454.7				
STD	300	0.62	34.659	27.82	29.60	0.145	1456.6				
STD	400	0.88	34.696	27.83	28.75	0.174	1459.5				
STD	500	0.83	34.689	27.83	29.11	0.203	1460.9				
STD	600	0.86	34.702	27.84	28.59	0.232	1462.7				
STD	700	0.77	34.696	27.84	28.42	0.260	1464.0				
STD	800	0.70	34.692	27.84	28.35	0.289	1465.3				
STD	900	0.65	34.690	27.84	28.22	0.317	1466.8				
STD	1000	0.69	34.699	27.84	28.01	0.345	1468.7				
STD	1100	0.62	34.698	27.85	27.61	0.373	1470.0				
STD	1200	0.53	34.692	27.85	27.33	0.400	1471.3				
STD	1260	0.45	34.687	27.85	27.04	0.417	1471.9				
COM2	62	-1.52	34.222	27.56				738	195	296	52
COM2	297	0.51	34.635	27.80				527	210	289	87
COM2	497	0.76	34.685	27.83				502	207	314	105
COM2	782	0.72	34.699	27.84				504	210	317	116

EL 37	993	0		27	1	69	16.5	6501.1S	14450.3E	537	3261	1.7	1.2	34	33	11

OBS	825	0.69	34.689	27.84			1465.7	504	202	316	113
OBS	1117	0.58	34.700	27.85			1470.1	502	203	301	118
OBS	1409	0.38	34.688	27.85			1474.1	515	207	314	121
OBS	1703	0.25	34.687	27.86			1478.5	519	211	282	115
OBS	1996	0.10	34.683	27.87			1482.8	530	205	324	132
OBS	2291	0.01	34.684	27.87			1487.5	539	203	315	129
OBS	2589	-0.07	34.693	27.88			1492.3	547	209	321	121
OBS	2887	-0.10	34.709	27.90			1497.3	545	213	319	115
OBS	3087	-0.14	34.722	27.91			1500.6	562	213	322	115
OBS	3187	-0.12	34.725	27.91			1502.5	546	214	318	115
OBS	3237	-0.11	34.724	27.91			1503.4	553	213	321	116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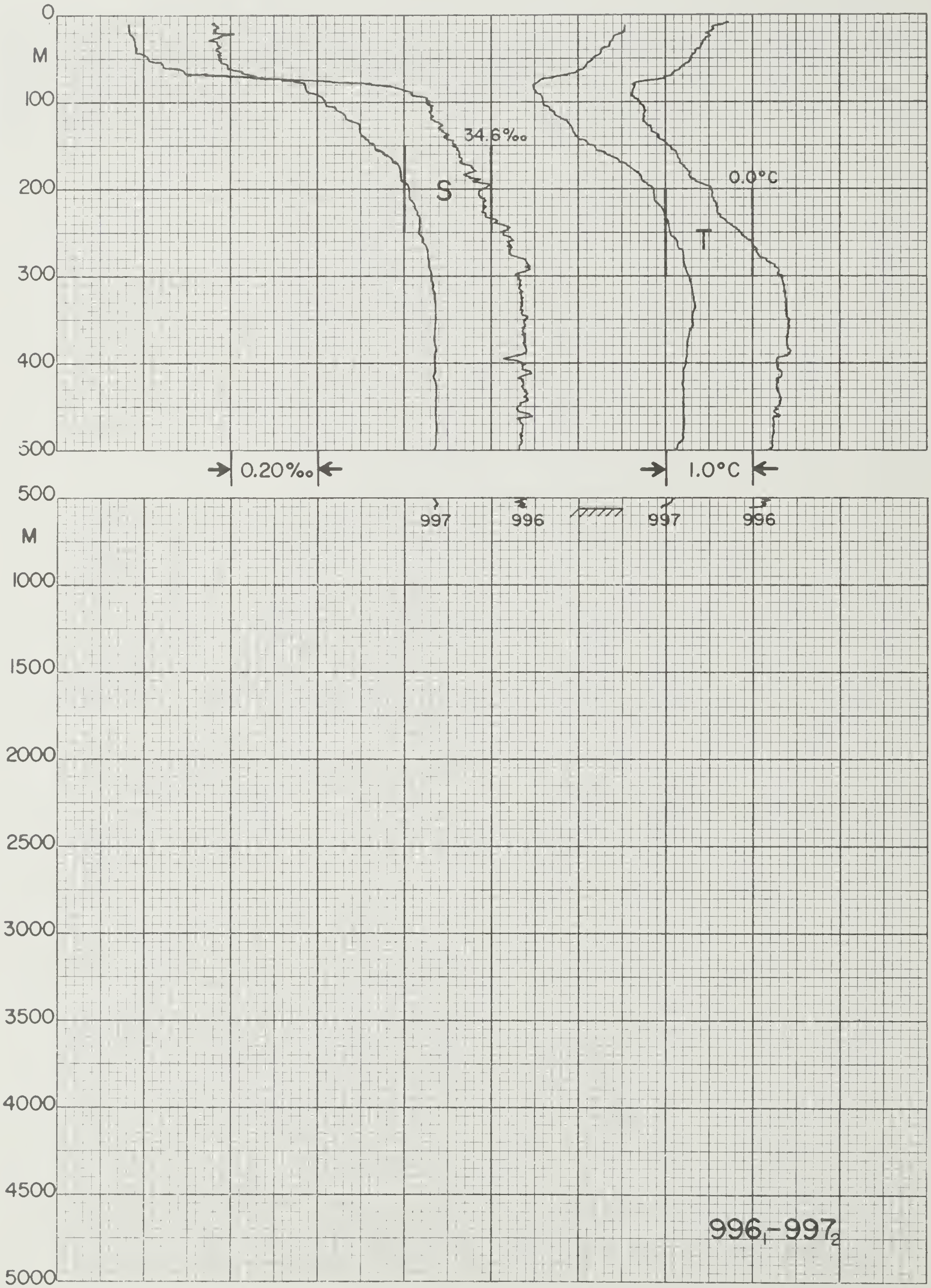
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	994	1	1	28	1	69	0.5	6529.5S	14350.8E	537	2444	1.6	1.0	33	1	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	1	-0.24	33.886	27.24				764	206	284	47
COM1	2454	-0.23	34.700	27.90				531	239	320	111
STD	0	-0.23	33.869	27.23	85.16	0.000	1446.7				
STD	10	-0.25	33.885	27.24	83.86	0.008	1446.8				
STD	20	-0.25	33.879	27.24	84.33	0.017	1446.9				
STD	30	-0.31	33.878	27.24	84.09	0.025	1446.8				
STD	50	-1.40	34.231	27.56	52.99	0.039	1442.5				
STD	75	-1.35	34.402	27.70	39.91	0.051	1443.5				
STD	100	-0.40	34.544	27.78	32.70	0.060	1448.5				
STD	125	-0.06	34.600	27.81	30.12	0.068	1450.5				
STD	150	0.16	34.606	27.80	30.84	0.075	1452.0				
STD	200	0.31	34.621	27.80	30.49	0.090	1453.5				
STD	250	0.68	34.672	27.82	28.94	0.105	1456.1				
STD	300	0.71	34.673	27.82	29.18	0.120	1457.1				
STD	400	0.75	34.690	27.83	28.29	0.149	1458.9				
STD	500	0.69	34.687	27.84	28.20	0.177	1460.3				
STD	600	0.60	34.688	27.84	27.69	0.205	1461.6				
STD	700	0.54	34.688	27.84	27.32	0.232	1462.9				
STD	800	0.45	34.686	27.85	26.82	0.259	1464.2				
STD	900	0.46	34.693	27.85	26.45	0.286	1465.9				
STD	1000	0.38	34.681	27.85	26.81	0.313	1467.2				
STD	1100	0.29	34.687	27.86	25.73	0.339	1468.5				
STD	1200	0.21	34.684	27.86	25.21	0.364	1469.9				
STD	1300	0.14	34.683	27.86	24.74	0.389	1471.2				
STD	1400	0.11	34.680	27.86	24.71	0.414	1472.8				
STD	1500	0.08	34.685	27.87	24.00	0.438	1474.3				
STD	1750	0.02	34.694	27.88	22.75	0.497	1478.3				
STD	2000	-0.04	34.703	27.89	21.33	0.552	1482.3				
STD	2250	-0.16	34.704	27.90	19.90	0.603	1486.1				
STD	2475	-0.23	34.700	27.90	19.22	0.647	1489.6				
PING	40										
COM2	604	0.63	34.692	27.84				481	225	314	112
COM2	2005	-0.04	34.700	27.89				528	235	313	116
COM2	2329	-0.20	34.701	27.90				631Q	227	319	111
COM2	2339	-0.21	34.700	27.90				547	238	318	112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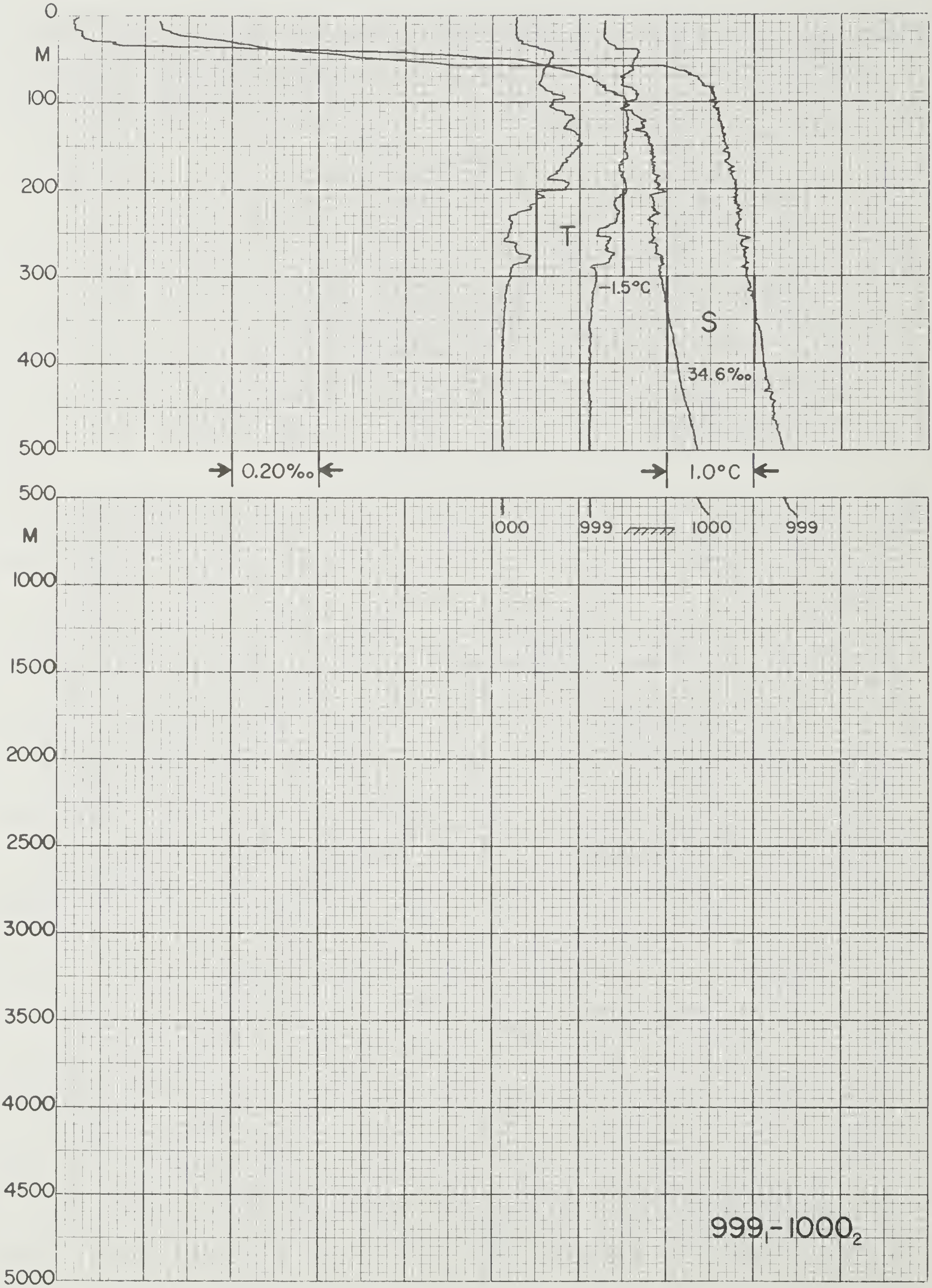
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	996	1	1	28	1	69	11.5	6550.0S	14342.5E	537	540	0.5	0.6	172	1	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	455	0.21	34.665	27.85				517	220	317	112
COM1	469	0.21	34.665	27.85				523	216	318	111
STD	0	-0.29	33.963	27.31	77.74	0.000	1446.5				
STD	10	-0.34	33.958	27.30	77.88	0.008	1446.5				
STD	20	-0.51	33.960	27.31	76.97	0.016	1445.9				
STD	30	-0.57	33.964	27.32	76.41	0.023	1445.7				
STD	50	-0.72	33.978	27.34	74.70	0.038	1445.4				
STD	75	-1.15	34.180	27.52	57.53	0.055	1444.1				
STD	100	-1.30	34.450	27.74	36.26	0.067	1444.2				
STD	125	-1.22	34.482	27.76	34.01	0.075	1445.0				
STD	150	-0.98	34.517	27.78	32.14	0.084	1446.6				
STD	200	-0.48	34.583	27.81	29.24	0.099	1449.8				
STD	250	-0.16	34.622	27.83	27.79	0.113	1452.2				
STD	300	0.33	34.664	27.84	27.44	0.127	1455.3				
STD	400	0.27	34.668	27.84	26.74	0.154	1456.7				
STD	500	0.18	34.664	27.85	26.51	0.181	1457.9				
STD	561	-0.03	34.668	27.86	24.78	0.196	1458.0				
PING	4										
COM2	95	-1.37	34.419	27.72				683	213	295	76
COM2	96	-1.40	34.420	27.72				675	217	296	76
COM2	335	0.33	34.670	27.84				513	223	314	108

EL 37	998	0		28	1	69	21.9	6616.9S	14320.4E	537	641	-1.3	-2.7	186	1	9

OBS	5	-1.36	34.475	27.76			1442.3	691	205	294	94
OBS	42	-1.09	34.527	27.79			1444.3	665	206	299	103
OBS	103	-1.65	34.525	27.81			1442.7	702	194	248	92
OBS	197	-1.63	34.551	27.83			1444.4	699	197	291	99
OBS	290	-1.65	34.579	27.85			1445.9	693	193	280	95
OBS	384	-1.90	34.617	27.89			1446.3	717	203	301	105
OBS	478	-1.89	34.659	27.92			1448.0	715	193	295	94
OBS	572	-1.89	34.690	27.95			1449.6	731	204	303	101
OBS	619	-1.89	34.701	27.96			1450.4	723	220	302	104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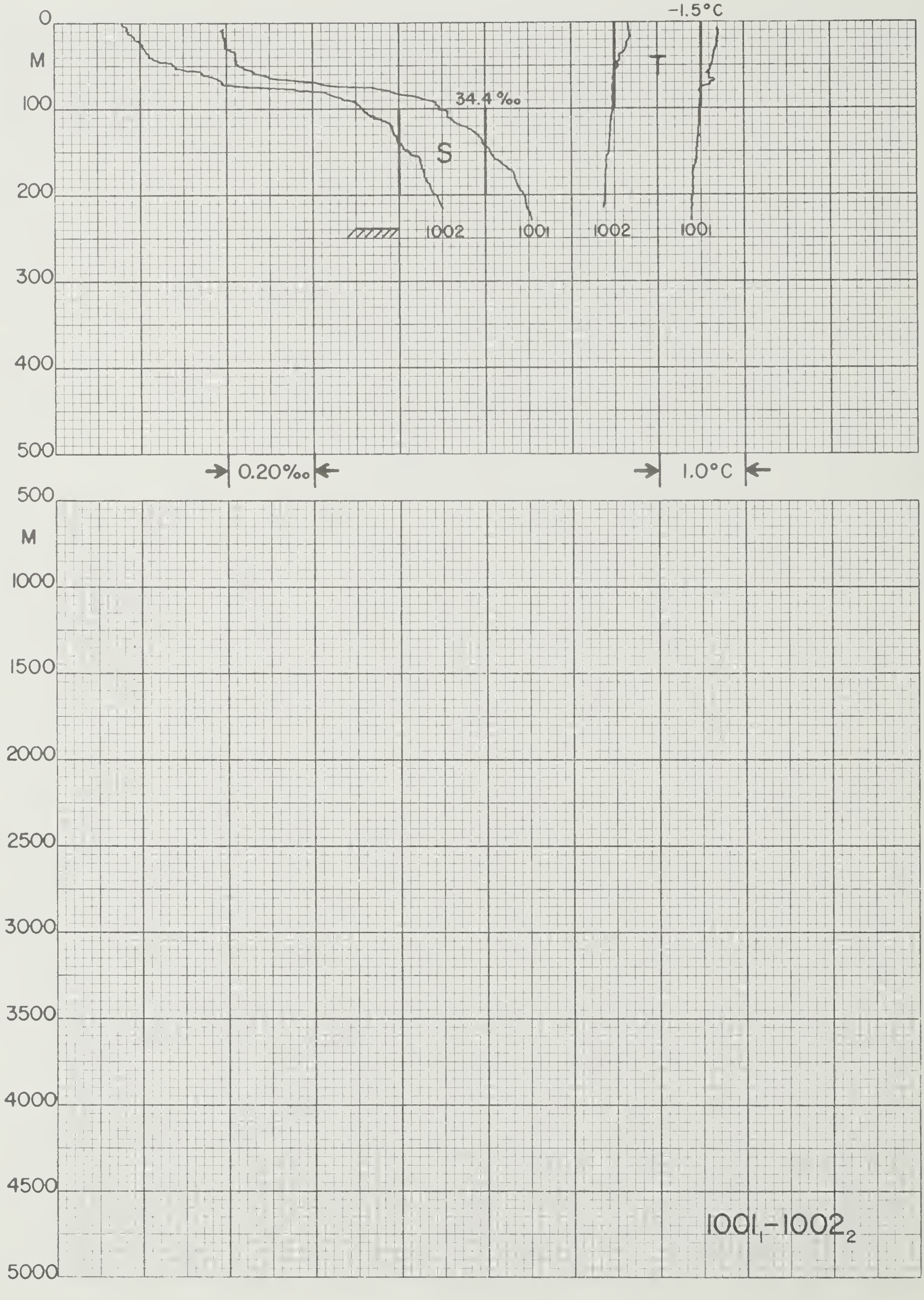
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	999	1	1	28	1	69	23.0	6616.3S	14318.2E	537	638	-1.4	-3.1	55	1	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	5	-1.69	33.250	26.78				833	161	244	52
COM1	602	-1.88	34.658	27.92				725	199	299	100
STD	0	-1.71	33.233	26.76	129.04	0.000	1438.8				
STD	10	-1.71	33.236	26.77	128.73	0.013	1439.0				
STD	20	-1.71	33.260	26.79	126.80	0.026	1439.2				
STD	30	-1.69	33.394	26.89	116.49	0.038	1439.7				
STD	50	-1.36	33.729	27.16	91.55	0.059	1442.0				
STD	75	-1.52	34.474	27.76	33.92	0.074	1442.8				
STD	100	-1.45	34.500	27.78	31.96	0.083	1443.5				
STD	125	-1.45	34.524	27.80	29.98	0.090	1444.0				
STD	150	-1.48	34.533	27.81	29.10	0.098	1444.2				
STD	200	-1.48	34.556	27.83	27.16	0.112	1445.1				
STD	250	-1.80	34.564	27.85	25.18	0.125	1444.5				
STD	300	-1.82	34.581	27.86	23.58	0.137	1445.2				
STD	400	-1.90	34.620	27.89	19.73	0.159	1446.6				
STD	500	-1.89	34.667	27.93	15.59	0.176	1448.3				
STD	600	-1.89	34.694	27.95	13.01	0.191	1450.1				
STD	617	-1.89	34.698	27.96	12.64	0.193	1450.4				
PING	55										
COM2	329	-1.88	34.593	27.87				712	198	303	104
COM2	512	-1.90	34.651	27.92				722	199	290	97
COM2	582	-1.88	34.691	27.95				728	205	297	100
COM2	587	-1.88	34.666	27.93				724	200	298	100



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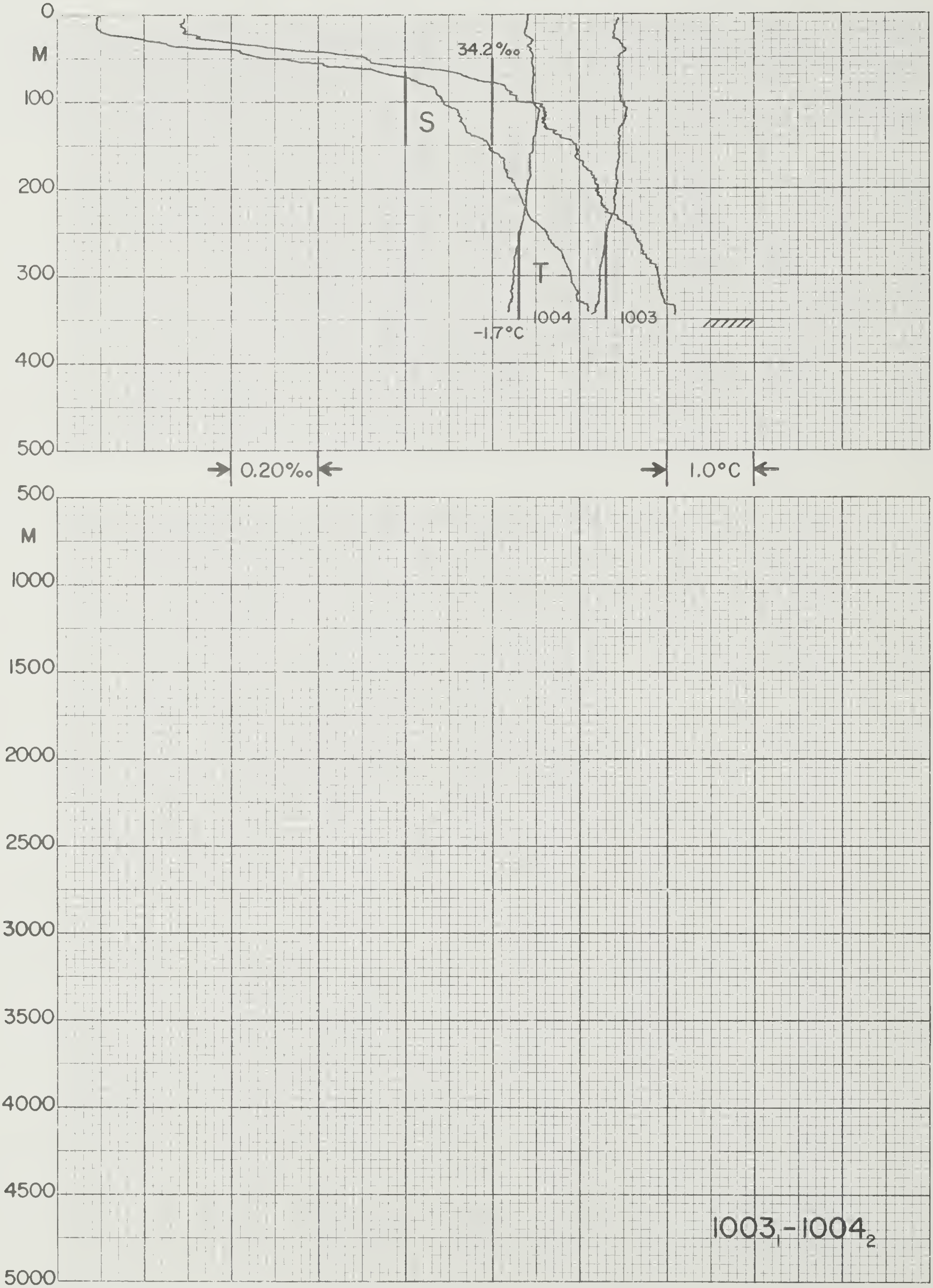
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1001	1	1	29	1	69	7.5	6611.6S	14216.1E	537	224	-0.8	-4.6	144	131	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	6	-1.30	33.803	27.21				806	166	247	65
STD	0	-1.31	33.793	27.21	87.08	0.000	1441.5				
STD	10	-1.30	33.790	27.20	87.29	0.009	1441.7				
STD	20	-1.31	33.796	27.21	86.75	0.017	1441.9				
STD	30	-1.33	33.801	27.21	86.16	0.026	1441.9				
STD	50	-1.38	33.830	27.24	83.79	0.043	1442.1				
STD	75	-1.49	34.106	27.47	62.17	0.061	1442.4				
STD	100	-1.53	34.295	27.62	47.45	0.075	1442.9				
STD	125	-1.54	34.368	27.68	41.66	0.086	1443.3				
STD	150	-1.56	34.411	27.71	38.16	0.096	1443.7				
STD	200	-1.61	34.488	27.78	31.86	0.114	1444.4				
STD	229	-1.62	34.507	27.79	30.27	0.123	1444.9				
PING	9										
COM2	100	-1.52	34.323	27.64				748	189	271	85
COM2	222	-1.62	34.508	27.79				723	201	288	96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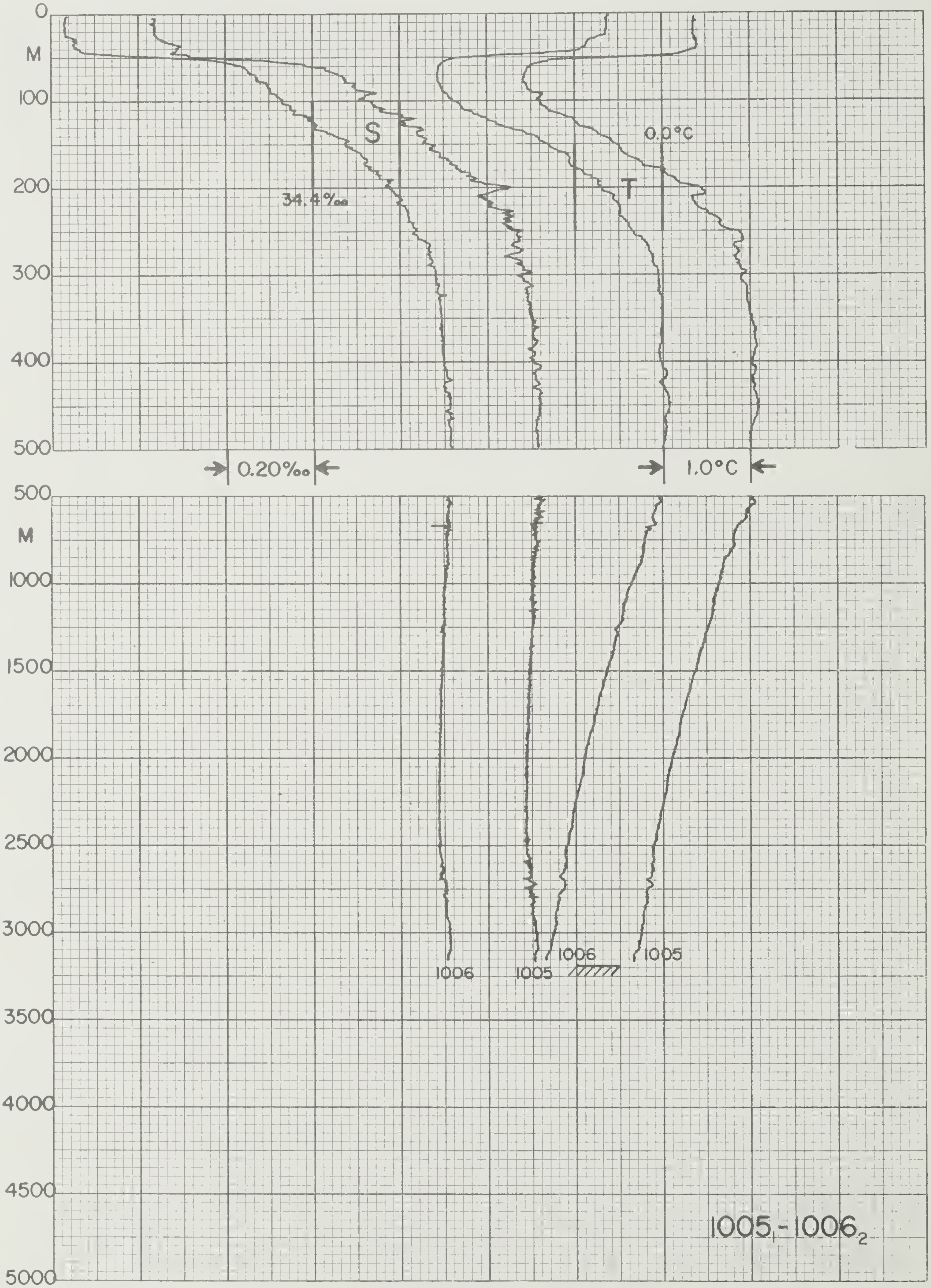
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1003	1	1	29	1	69	9.5	6612.4S	14233.2E	537	346	-1.4	-5.5	144	131	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	2	-1.56	33.507	26.98				802	158	249	43
COM1	339	-1.83	34.619	27.89				712	201	298	100
STD	0	-1.55	33.492	26.97	109.51	0.000	1440.0				
STD	10	-1.57	33.488	26.97	109.71	0.011	1440.0				
STD	20	-1.61	33.491	26.97	109.29	0.022	1440.0				
STD	30	-1.55	33.572	27.04	103.15	0.033	1440.6				
STD	50	-1.55	33.911	27.31	77.06	0.051	1441.4				
STD	75	-1.53	34.166	27.52	57.41	0.067	1442.2				
STD	100	-1.53	34.257	27.59	50.31	0.081	1442.8				
STD	125	-1.50	34.319	27.64	45.59	0.093	1443.5				
STD	150	-1.55	34.391	27.70	39.76	0.103	1443.7				
STD	200	-1.59	34.441	27.74	35.50	0.122	1444.4				
STD	250	-1.69	34.524	27.81	28.63	0.138	1444.9				
STD	300	-1.78	34.577	27.86	23.97	0.151	1445.4				
STD	344	-1.87	34.615	27.89	20.52	0.161	1445.8				
PING	7										
COM2	201	-1.62	34.456	27.75				736	199	283	95
COM2	325	-1.80	34.598	27.87				716	206	297	102
COM2	332	-1.82	34.619	27.89				710	199	298	105
COM2	341	-1.82	34.620	27.89				719	182	298	86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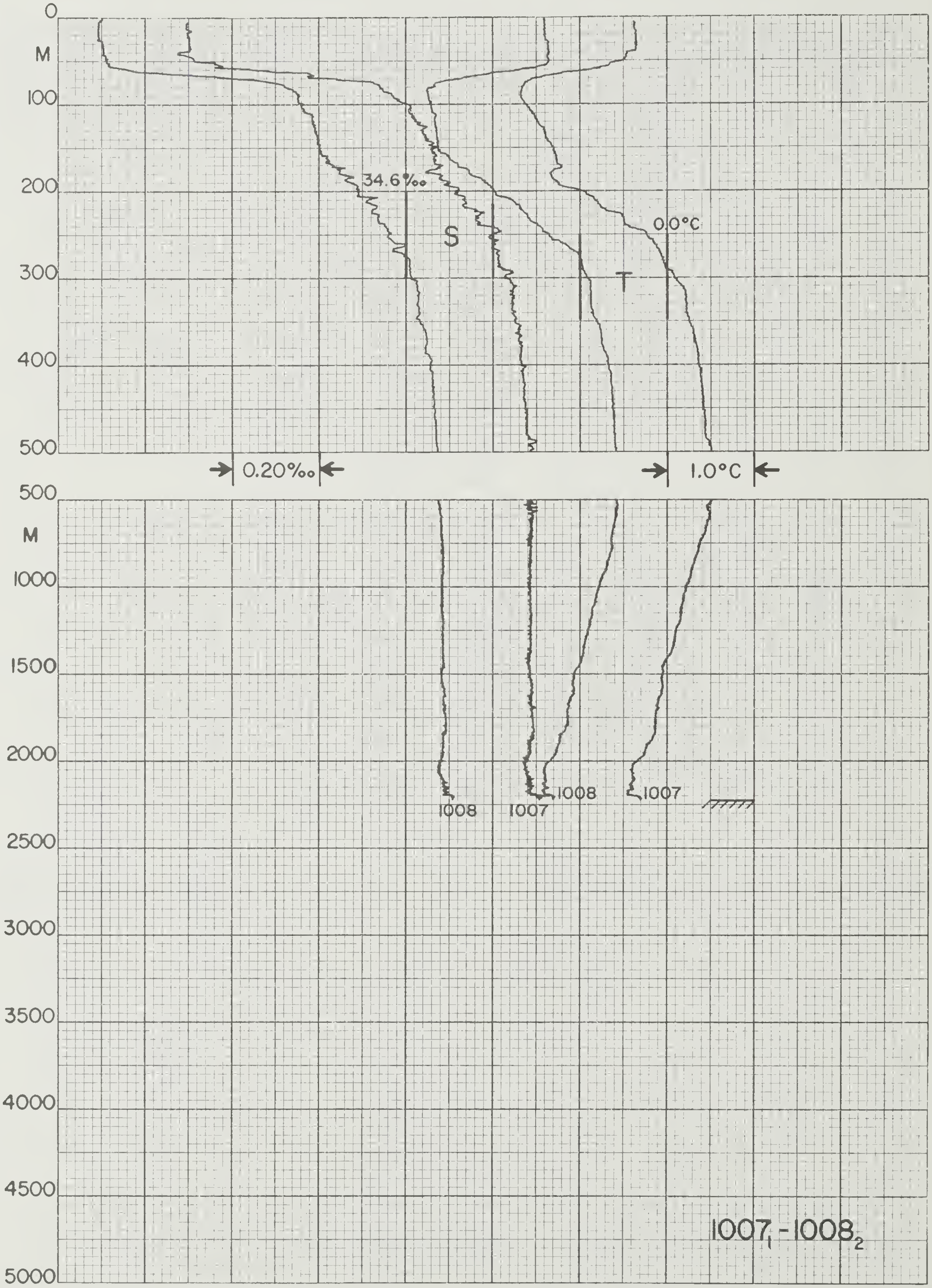
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1005	1	1	30	1	69	3.2	6451.5S	14228.7E	537	3190	0.1	-0.2	125	124	3

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	2	0.37	33.848	27.18				763	182	264	46
COM1	3149	-0.36	34.703	27.91				560	211	305	
COM1	3151	-0.37	34.693	27.90				556	196		117
STD	0	0.36	33.832	27.17	90.81	0.000	1449.3				
STD	10	0.36	33.835	27.17	90.65	0.009	1449.5				
STD	20	0.36	33.836	27.17	90.46	0.018	1449.6				
STD	30	0.37	33.854	27.18	89.16	0.027	1449.9				
STD	50	-0.31	33.965	27.31	77.40	0.044	1447.3				
STD	75	-1.59	34.271	27.60	49.25	0.060	1442.1				
STD	100	-1.42	34.320	27.64	45.82	0.071	1443.4				
STD	125	-0.99	34.408	27.69	40.56	0.082	1446.0				
STD	150	-0.55	34.465	27.72	37.93	0.092	1448.5				
STD	200	0.41	34.649	27.82	28.98	0.109	1454.0				
STD	250	0.78	34.680	27.82	29.04	0.123	1456.5				
STD	300	0.91	34.678	27.81	30.16	0.138	1458.0				
STD	400	1.01	34.700	27.82	29.43	0.168	1460.1				
STD	500	0.98	34.712	27.84	28.54	0.197	1461.6				
STD	600	0.94	34.705	27.83	28.91	0.226	1463.1				
STD	700	0.81	34.706	27.84	28.04	0.254	1464.2				
STD	800	0.79	34.709	27.85	27.78	0.282	1465.7				
STD	900	0.67	34.703	27.85	27.45	0.310	1466.9				
STD	1000	0.62	34.700	27.85	27.31	0.337	1468.3				
STD	1100	0.56	34.700	27.85	26.95	0.364	1469.8				
STD	1200	0.54	34.703	27.86	26.61	0.391	1471.4				
STD	1300	0.47	34.698	27.86	26.46	0.417	1472.7				
STD	1400	0.40	34.694	27.86	26.27	0.444	1474.1				
STD	1500	0.36	34.691	27.86	26.09	0.470	1475.6				
STD	1750	0.20	34.689	27.87	24.81	0.534	1479.1				
STD	2000	0.08	34.682	27.87	24.07	0.595	1482.8				
STD	2250	-0.01	34.682	27.87	23.04	0.654	1486.7				
STD	2500	-0.13	34.684	27.88	21.51	0.709	1490.5				
STD	2750	-0.20	34.691	27.89	19.98	0.761	1494.5				
STD	3000	-0.28	34.703	27.90	18.00	0.809	1498.6				
STD	3169	-0.37	34.701	27.90	16.86	0.838	1501.1				
PING	36										
COM2	83	-1.58	34.277	27.61				720	197	284	69
COM2	1011	0.63	34.700	27.85				484	211	299	145Q
COM2	3160	-0.37	34.702	27.90				559	211	303	140Q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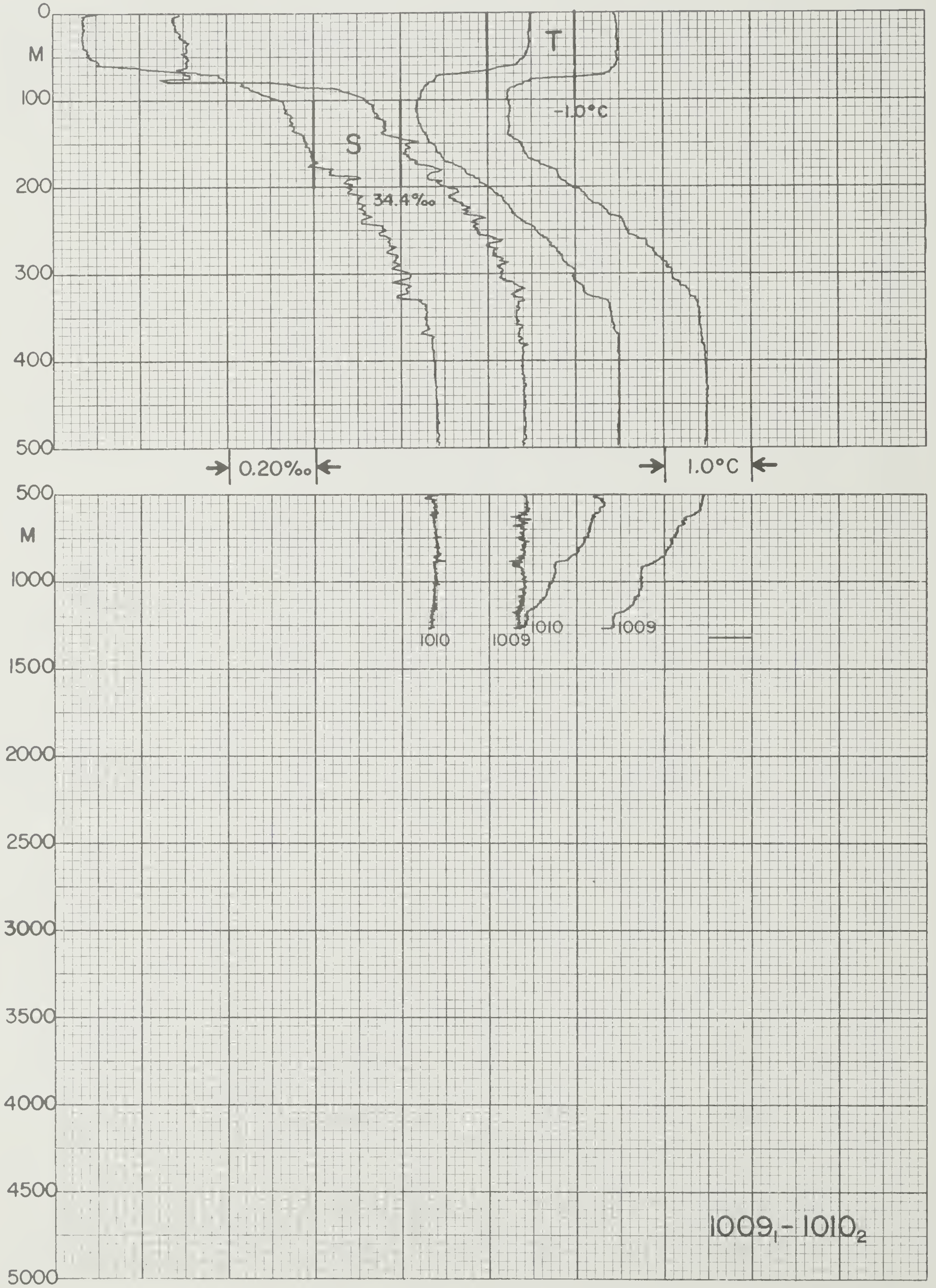
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1007	1	1	30	1	69	11.1	6516.9S	14054.8E	537	2206	-1.4	-4.6	164	134	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	2	-0.37	33.907	27.26				783	180	270	57
STD	0	-0.38	33.898	27.26	82.31	0.000	1446.0				
STD	10	-0.38	33.896	27.26	82.45	0.008	1446.2				
STD	20	-0.37	33.897	27.26	82.42	0.016	1446.4				
STD	30	-0.36	33.902	27.26	82.00	0.025	1446.6				
STD	50	-0.50	33.915	27.28	80.39	0.041	1446.3				
STD	75	-1.63	34.325	27.65	44.95	0.057	1442.0				
STD	100	-1.63	34.401	27.71	39.03	0.067	1442.6				
STD	125	-1.46	34.437	27.73	36.64	0.077	1443.8				
STD	150	-1.31	34.470	27.75	34.51	0.085	1445.0				
STD	200	-0.99	34.516	27.78	32.04	0.102	1447.4				
STD	250	-0.24	34.600	27.82	29.08	0.117	1451.8				
STD	300	0.08	34.629	27.82	28.56	0.132	1454.1				
STD	400	0.35	34.664	27.84	27.57	0.160	1457.1				
STD	500	0.49	34.685	27.84	27.05	0.187	1459.4				
STD	600	0.47	34.688	27.85	26.67	0.214	1460.9				
STD	700	0.41	34.683	27.85	26.67	0.241	1462.3				
STD	800	0.33	34.683	27.85	26.20	0.267	1463.7				
STD	900	0.26	34.682	27.86	25.76	0.293	1465.0				
STD	1000	0.19	34.681	27.86	25.32	0.319	1466.4				
STD	1100	0.15	34.682	27.86	24.95	0.344	1467.9				
STD	1200	0.13	34.684	27.87	24.57	0.369	1469.5				
STD	1300	0.07	34.681	27.87	24.24	0.393	1470.9				
STD	1400	-0.01	34.677	27.87	23.91	0.417	1472.2				
STD	1500	-0.07	34.680	27.87	23.04	0.440	1473.6				
STD	1750	-0.16	34.686	27.88	21.62	0.496	1477.5				
STD	2000	-0.36	34.676	27.88	20.24	0.549	1480.9				
STD	2227	-0.33	34.702	27.90	18.31	0.592	1484.9				
PING	7										
COM2	795	0.35	34.685	27.85				506	213	306	144Q
COM2	1715	-0.17	34.687	27.88				543	208	303	145Q
COM2	2212	-0.32	34.706	27.91				557	211	302	136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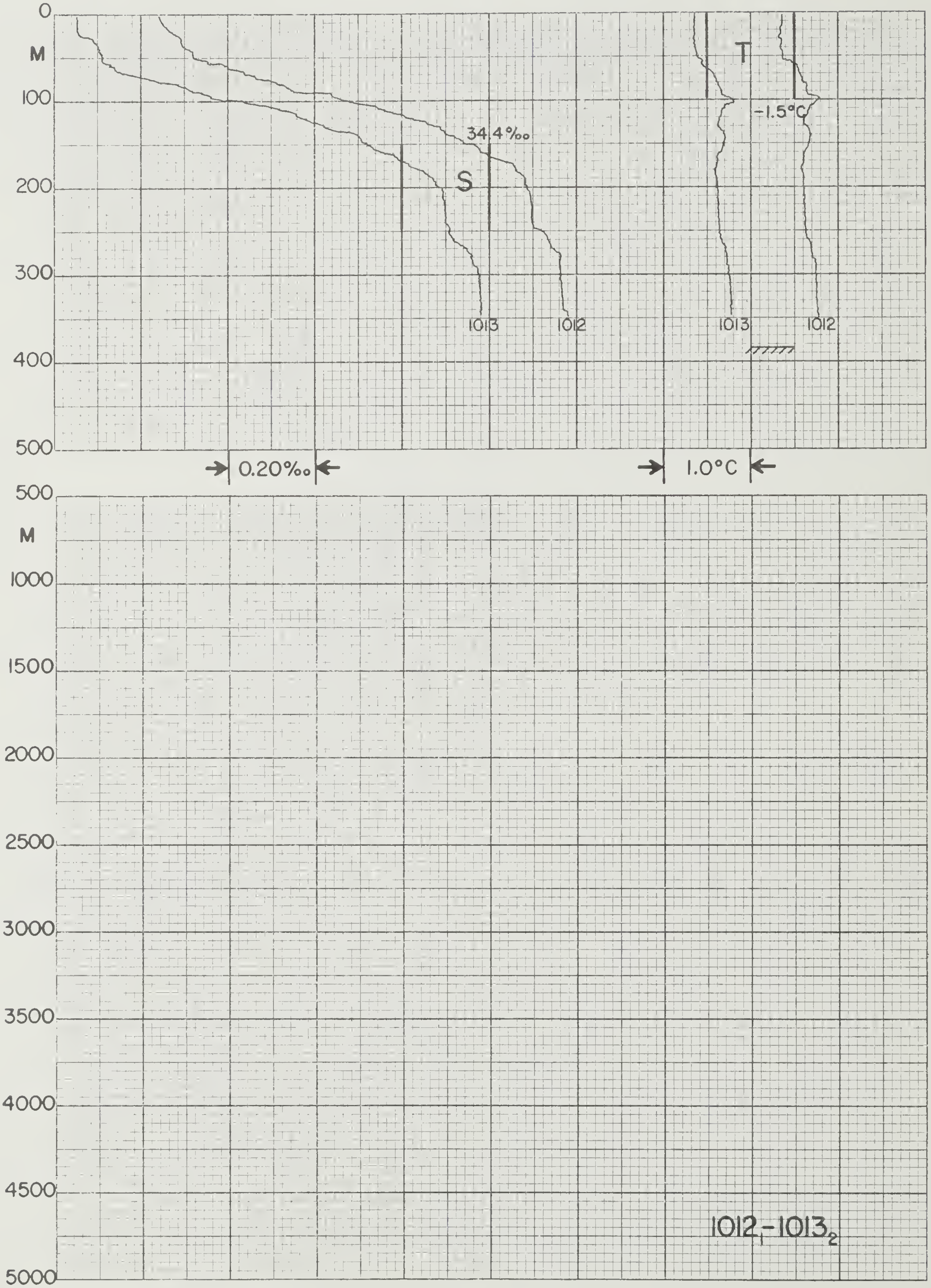
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1009	1	1	30	1	69	22.3	6535.2S	14105.6E	537	1284	-2.0	-8.2	242	1	5

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	1	-0.53	33.887	27.25				803	210	254	55
COM1	141	-1.76	34.371	27.69				713	240	284	86
COM1	444	0.52	34.683	27.84				512	218		106
COM1	1284	-0.66	34.662	27.89				605			124
COM1	1286	-0.62	34.662	27.88				590		288	129
STD	0	-0.55	33.892	27.26	82.11	0.000	1445.2				
STD	10	-0.53	33.880	27.25	83.03	0.008	1445.5				
STD	20	-0.52	33.885	27.25	82.71	0.017	1445.7				
STD	30	-0.52	33.896	27.26	81.83	0.025	1445.9				
STD	50	-0.52	33.908	27.27	80.82	0.041	1446.2				
STD	75	-0.88	33.917	27.29	78.65	0.061	1445.0				
STD	100	-1.78	34.318	27.64	45.00	0.076	1441.7				
STD	125	-1.76	34.361	27.68	41.56	0.087	1442.3				
STD	150	-1.64	34.442	27.74	35.58	0.097	1443.4				
STD	200	-1.07	34.493	27.76	33.46	0.114	1447.0				
STD	250	-0.42	34.576	27.81	29.95	0.130	1450.9				
STD	300	0.10	34.632	27.82	28.49	0.145	1454.2				
STD	400	0.48	34.679	27.84	27.33	0.173	1457.7				
STD	500	0.48	34.679	27.84	27.41	0.200	1459.3				
STD	600	0.42	34.690	27.85	26.23	0.227	1460.7				
STD	700	0.16	34.664	27.85	26.36	0.253	1461.2				
STD	800	0.08	34.681	27.87	24.53	0.278	1462.5				
STD	900	-0.12	34.652	27.85	25.20	0.303	1463.2				
STD	1000	-0.27	34.679	27.88	22.07	0.327	1464.3				
STD	1100	-0.31	34.670	27.88	22.28	0.349	1465.8				
STD	1200	-0.56	34.664	27.88	20.72	0.371	1466.3				
STD	1286	-0.72	34.667	27.89	19.05	0.388	1467.0				
PING	33										

EL 37	1011	0		31	1	69	8.6	6614.2S	13947.0E	538	363	-3.6	-10.4	164	1	4

OBS	283	-1.26	34.568	27.83			1447.6	687	210	258	96
OBS	307	-1.25	34.576	27.84			1448.0	679	238	297	108
OBS	331	-1.24	34.578	27.84			1448.5	678	220	274	98
OBS	346	-1.23	34.578	27.84			1448.8	682	238	297	108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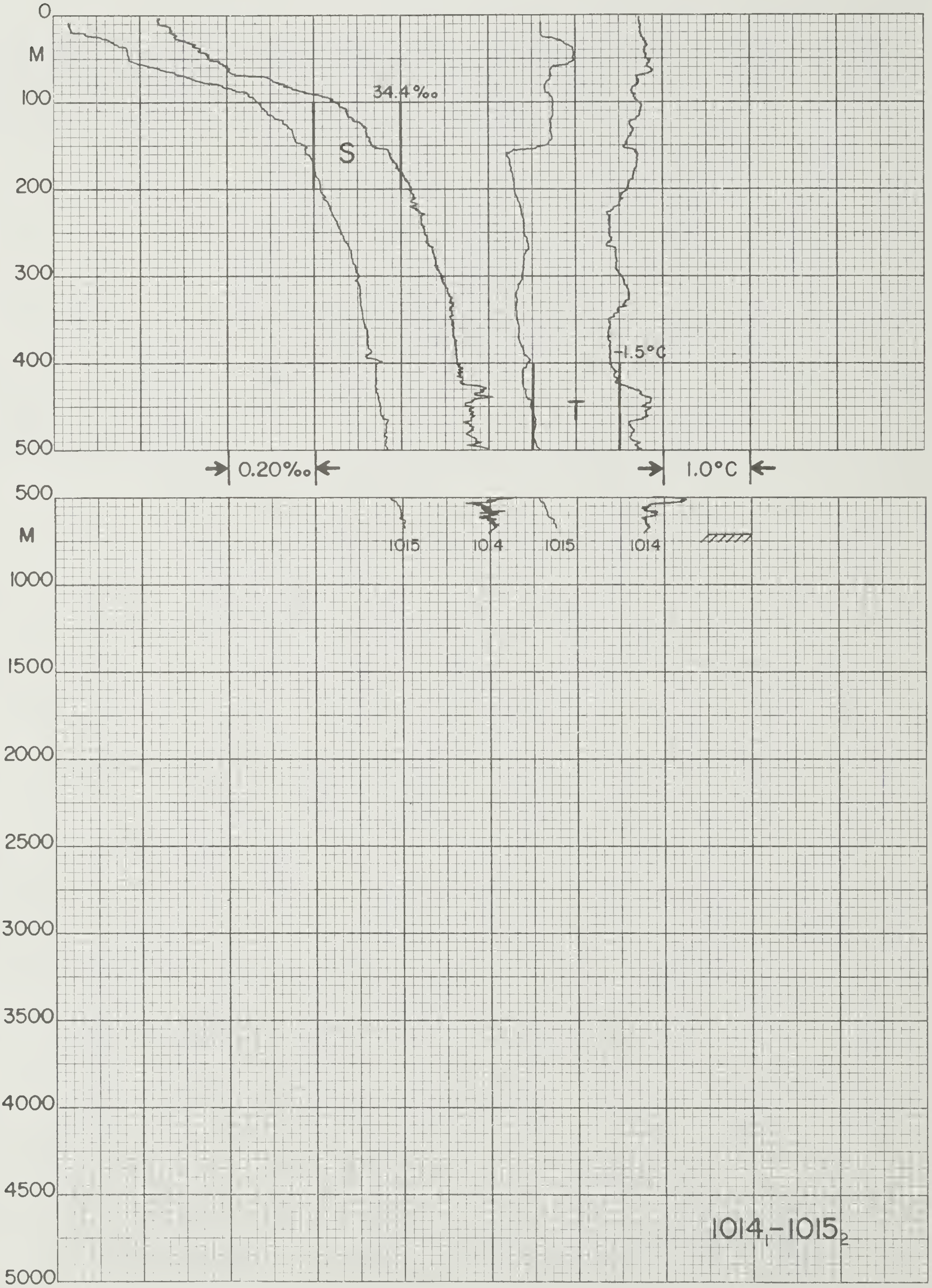
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1012	1	3	31	1	69	8.7	6614.0S	13945.6E	538	384	-3.4	-9.5	154	1	0

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2· ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
STD	0	-1.64	33.642	27.09	97.78	0.000	1439.8				
STD	10	-1.64	33.648	27.10	97.25	0.010	1439.9				
STD	20	-1.66	33.666	27.11	95.75	0.019	1440.0				
STD	30	-1.65	33.691	27.13	93.82	0.029	1440.3				
STD	50	-1.63	33.720	27.16	91.47	0.047	1440.7				
STD	75	-1.41	33.867	27.27	80.69	0.069	1442.4				
STD	100	-1.23	34.071	27.43	65.53	0.087	1444.0				
STD	125	-1.39	34.256	27.58	50.68	0.102	1443.9				
STD	150	-1.33	34.345	27.65	43.95	0.114	1444.7				
STD	200	-1.39	34.486	27.77	32.76	0.133	1445.4				
STD	250	-1.37	34.516	27.79	30.33	0.149	1446.4				
STD	300	-1.26	34.562	27.83	27.08	0.163	1447.8				
STD	349	-1.24	34.578	27.84	25.73	0.176	1448.8				
PING	7										
COM2	192	-1.73	34.397	27.71				699	236	275	88
COM2	460	-1.51	34.549	27.82				684	224	267	95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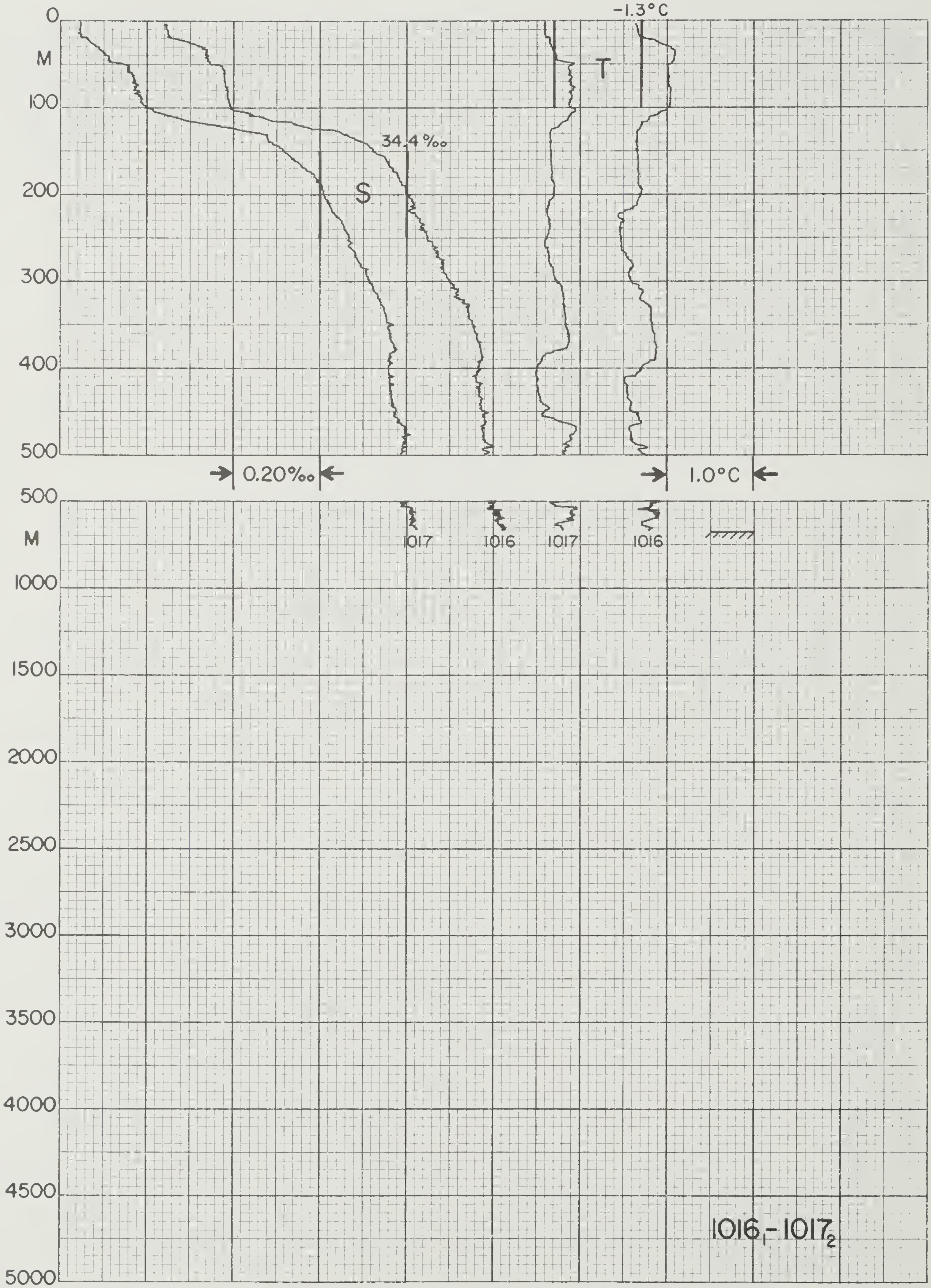
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1014	1	1	31	1	69	13.5	6554.6S	13852.2E	538	677	-3.4	-8.1	155	123	3

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	8	-1.27	33.883	27.28				819	168	191	62
COM1	666	-1.22	34.602	27.86				654		242	103
COM1	675	-1.19	34.604	27.86				642		280	114
STD	0	-1.27	33.843	27.25	83.36	0.000	1441.8				
STD	10	-1.27	33.842	27.25	83.40	0.008	1442.0				
STD	20	-1.26	33.868	27.27	81.40	0.017	1442.2				
STD	30	-1.22	33.902	27.29	78.83	0.025	1442.6				
STD	50	-1.20	33.955	27.33	74.70	0.040	1443.1				
STD	75	-1.28	34.103	27.46	63.00	0.057	1443.3				
STD	100	-1.28	34.245	27.57	52.02	0.072	1444.0				
STD	125	-1.38	34.305	27.62	46.99	0.084	1444.0				
STD	150	-1.43	34.333	27.65	44.54	0.095	1444.2				
STD	200	-1.41	34.421	27.72	37.62	0.116	1445.3				
STD	250	-1.62	34.452	27.75	34.39	0.134	1445.2				
STD	300	-1.48	34.491	27.78	31.58	0.150	1446.7				
STD	400	-1.61	34.526	27.81	27.95	0.180	1447.8				
STD	500	-1.18	34.609	27.86	23.08	0.206	1451.6				
STD	600	-1.11	34.602	27.85	23.52	0.229	1453.6				
STD	700	-1.23	34.598	27.86	22.80	0.252	1454.7				
STD	712	-1.24	34.596	27.85	22.84	0.255	1454.8				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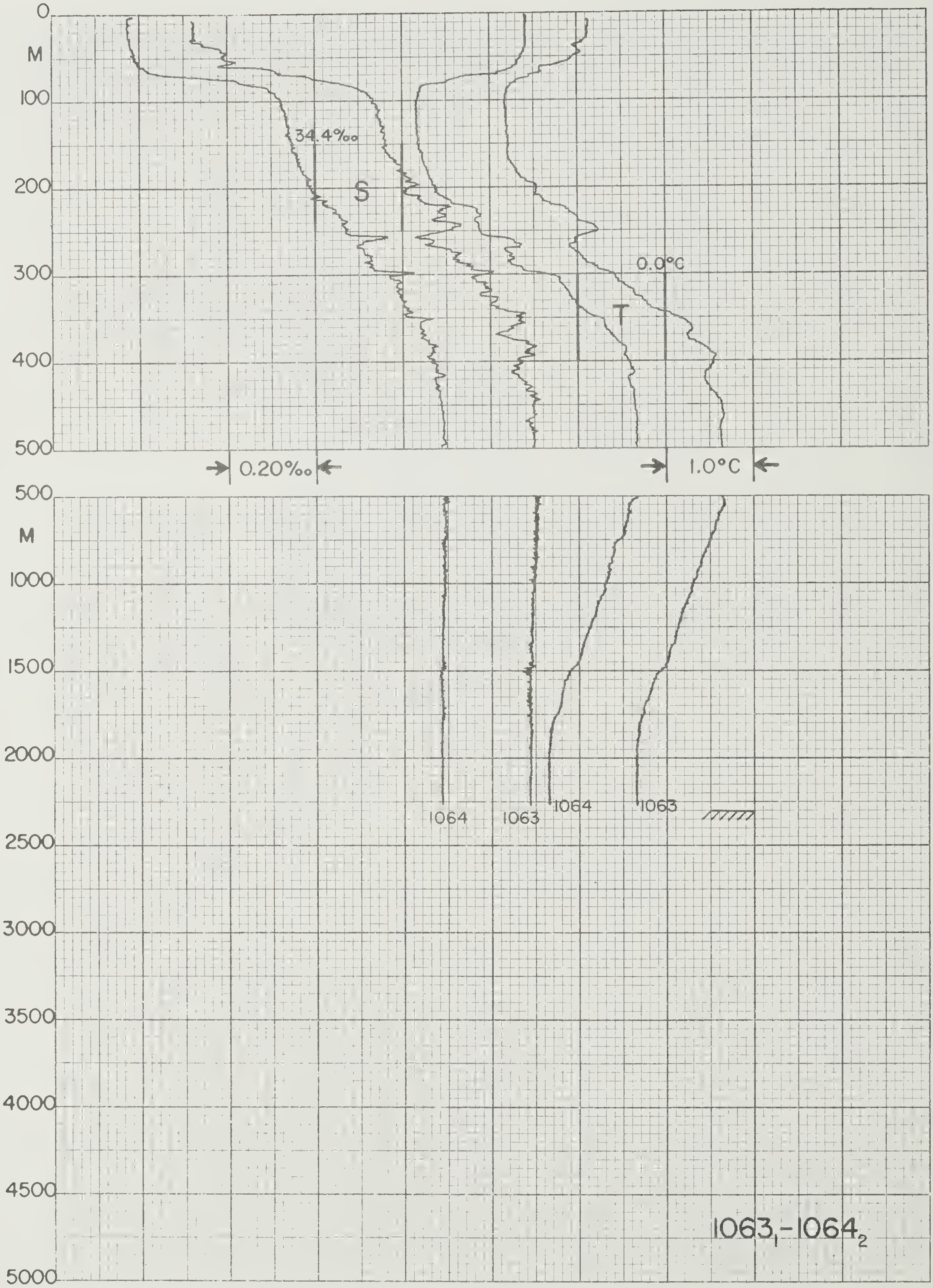
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1016	1	1	31	1	69	19.6	6555.4S	13851.8E	538	673	-4.3	-8.5	165	143	0

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
STD	0	-1.37	33.843	27.25	83.04	0.000	1441.3				
STD	10	-1.34	33.844	27.25	83.02	0.008	1441.6				
STD	20	-1.28	33.855	27.26	82.33	0.017	1442.1				
STD	30	-0.98	33.923	27.30	78.02	0.025	1443.7				
STD	50	-0.96	33.945	27.32	76.33	0.040	1444.2				
STD	75	-0.98	33.980	27.35	73.46	0.059	1444.6				
STD	100	-0.98	33.994	27.36	72.29	0.077	1445.0				
STD	125	-1.32	34.180	27.52	56.76	0.093	1444.1				
STD	150	-1.35	34.322	27.64	45.70	0.106	1444.6				
STD	200	-1.32	34.400	27.70	39.61	0.127	1445.7				
STD	250	-1.54	34.446	27.74	35.05	0.146	1445.5				
STD	300	-1.42	34.496	27.78	31.39	0.163	1447.0				
STD	400	-1.31	34.563	27.83	26.38	0.191	1449.3				
STD	500	-1.26	34.580	27.84	24.83	0.217	1451.2				
STD	600	-1.13	34.615	27.87	22.48	0.241	1453.5				
STD	670	-1.23	34.617	27.87	21.52	0.256	1454.2				

This is the first of a 24-hour series of STD Stations made at approximately the same location. The complete set of profiles appear in Fig. 6 (foldout inside rear cover).

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1062	0		2	2	69	4.0	6546.3S	13901.0E	538	576	-3.6	-13.0	264	221	12

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	7	-1.42	33.764	27.19			1441.1	806	190	260	58
OBS	55	-1.14	33.946	27.33			1443.5	787	198	270	61
OBS	105	-1.79	34.366	27.68			1441.8	704	216	284	66
OBS	155	-1.74	34.402	27.71			1442.9	693	216	283	72
OBS	205	-1.67	34.435	27.74			1444.1	685	226	286	76
OBS	255	-1.59	34.468	27.76			1445.4	671	236	295	87
OBS	305	-1.58	34.500	27.79			1446.3	671	238	296	83
OBS	355	-1.59	34.523	27.81			1447.1	680	198	282	63
OBS	405	-1.67	34.528	27.81			1447.6	706	226	295	83
OBS	455	-1.53	34.548	27.82			1449.1	674	234	298	78
OBS	505	-1.50	34.564	27.84			1450.1	676	236	296	83
OBS	555	-1.21	34.605	27.86			1452.4	644	234	298	95
ISL	0	-1.42	33.764	27.19	88.99	0.000	1441.0				
ISL	10	-1.39	33.773	27.19	88.33	0.009	1441.3				
ISL	20	-1.29	33.805	27.22	86.09	0.018	1442.0				
ISL	30	-1.22	33.842	27.24	83.47	0.026	1442.5				
ISL	50	-1.13	33.919	27.30	77.74	0.042	1443.4				
ISL	75	-1.39	34.090	27.45	63.66	0.060	1442.8				
ISL	100	-1.76	34.339	27.66	43.39	0.073	1441.9				
ISL	125	-1.78	34.381	27.70	39.96	0.084	1442.2				
ISL	150	-1.75	34.399	27.71	38.56	0.093	1442.8				
ISL	200	-1.68	34.432	27.73	35.97	0.112	1444.0				
ISL	250	-1.60	34.465	27.76	33.43	0.129	1445.3				
ISL	300	-1.58	34.497	27.78	30.76	0.146	1446.2				
ISL	400	-1.67	34.527	27.81	27.66	0.175	1447.5				
ISL	500	-1.51	34.562	27.84	25.11	0.201	1450.0				



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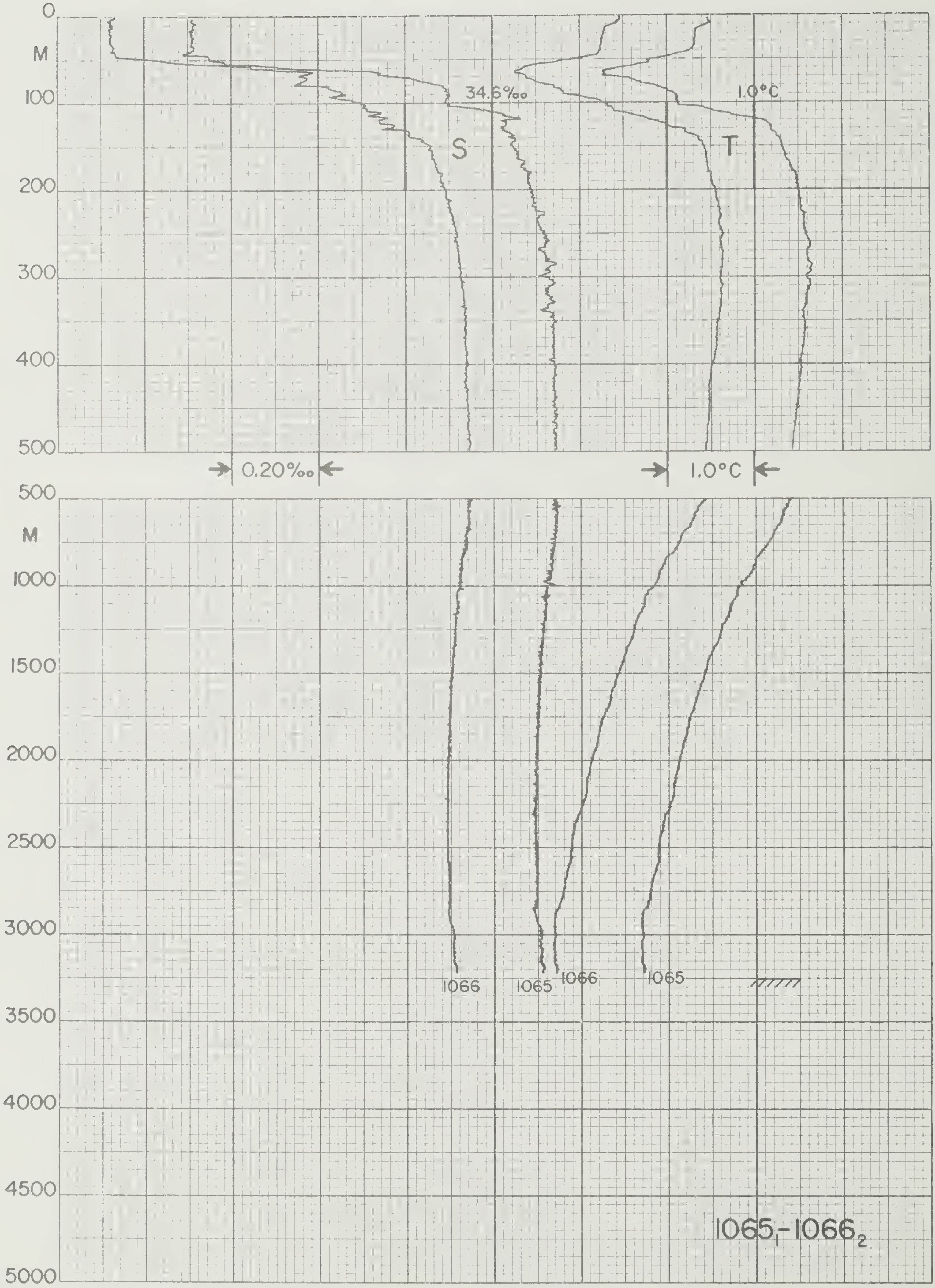
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1063	1	1	2	2	69	21.0	6513.3S	13753.8E	538	2277	-2.4	-8.0	154	113	3

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	2	-0.89	33.939	27.31					220	274	52
COM1	2264	-0.35	34.684	27.89				560			
COM1	2271	-0.35	34.684	27.89				553	236	315	116
STD	0	-0.88	33.919	27.29	78.75	0.000	1443.7				
STD	10	-0.88	33.923	27.30	78.44	0.008	1443.9				
STD	20	-0.89	33.922	27.30	78.49	0.016	1444.0				
STD	30	-0.90	33.919	27.30	78.58	0.024	1444.1				
STD	50	-1.05	33.987	27.36	72.75	0.039	1443.9				
STD	75	-1.59	34.192	27.54	55.28	0.055	1442.0				
STD	100	-1.83	34.334	27.66	43.59	0.067	1441.5				
STD	125	-1.82	34.352	27.67	42.12	0.078	1442.0				
STD	150	-1.80	34.361	27.68	41.31	0.088	1442.5				
STD	200	-1.47	34.419	27.72	37.56	0.108	1445.0				
STD	250	-0.77	34.508	27.77	33.45	0.126	1449.2				
STD	300	-0.61	34.601	27.83	26.97	0.141	1450.9				
STD	400	0.54	34.666	27.83	28.71	0.169	1457.9				
STD	500	0.63	34.695	27.85	27.19	0.197	1460.0				
STD	600	0.61	34.699	27.85	26.88	0.224	1461.6				
STD	700	0.54	34.704	27.86	26.13	0.250	1463.0				
STD	800	0.46	34.701	27.86	25.82	0.276	1464.3				
STD	900	0.38	34.699	27.86	25.38	0.302	1465.6				
STD	1000	0.29	34.693	27.86	25.22	0.327	1466.8				
STD	1100	0.22	34.693	27.87	24.69	0.352	1468.2				
STD	1200	0.14	34.690	27.87	24.22	0.376	1469.5				
STD	1300	0.09	34.688	27.87	23.93	0.400	1471.0				
STD	1400	0.02	34.686	27.87	23.50	0.424	1472.4				
STD	1500	-0.06	34.684	27.88	22.83	0.447	1473.7				
STD	1750	-0.28	34.687	27.89	20.50	0.502	1477.0				
STD	2000	-0.36	34.686	27.89	19.47	0.551	1480.8				
STD	2250	-0.37	34.684	27.89	19.24	0.600	1485.1				
STD	2279	-0.36	34.685	27.89	19.20	0.605	1485.7				
PING	22										
COM2	135	-1.83	34.337	27.66				721	178	233	54
COM2	564	0.57	34.694	27.85				499	220	296	105
COM2	2020	-0.36	34.685	27.89				556	234	314	117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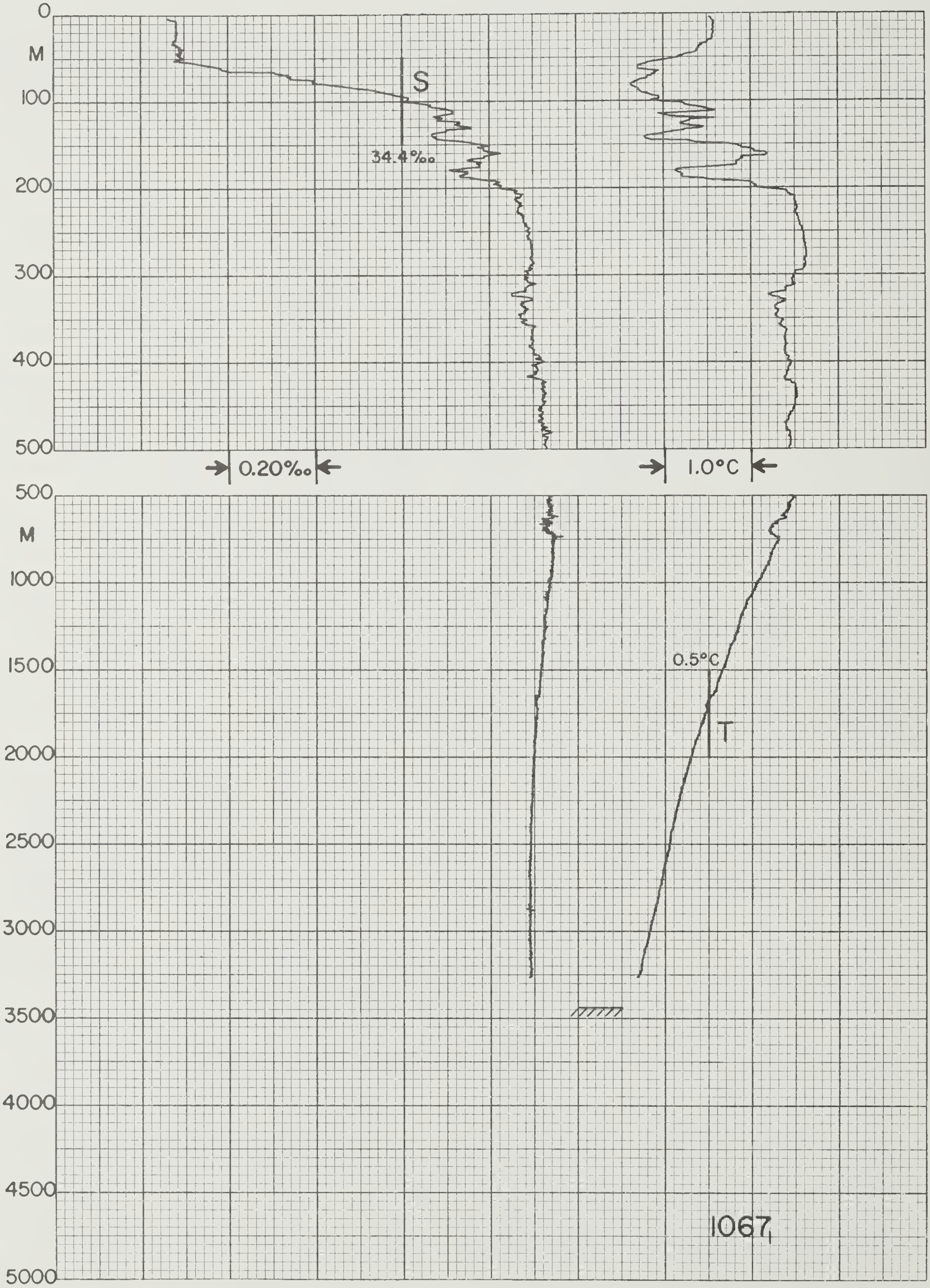
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1065	1	1	3	2	69	4.0	6430.8S	13758.5E	538	3209	-1.8	-7.7	284	113	0

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
STD	0	0.46	33.908	27.22	85.54	0.000	1449.9				
STD	10	0.46	33.913	27.23	85.18	0.009	1450.0				
STD	20	0.32	33.905	27.23	85.00	0.017	1449.6				
STD	30	0.31	33.908	27.23	84.75	0.026	1449.7				
STD	50	-0.16	33.947	27.29	79.39	0.042	1447.9				
STD	75	-0.37	34.429	27.68	41.63	0.057	1448.0				
STD	100	0.11	34.491	27.71	39.29	0.067	1450.8				
STD	125	1.15	34.630	27.76	35.02	0.076	1456.1				
STD	150	1.30	34.644	27.76	35.12	0.085	1457.2				
STD	200	1.49	34.686	27.78	33.46	0.102	1458.9				
STD	250	1.58	34.715	27.80	32.03	0.119	1460.1				
STD	300	1.58	34.706	27.79	32.93	0.135	1461.0				
STD	400	1.52	34.739	27.82	30.36	0.167	1462.4				
STD	500	1.41	34.741	27.83	29.61	0.197	1463.6				
STD	600	1.30	34.742	27.84	28.97	0.226	1464.7				
STD	700	1.19	34.739	27.84	28.60	0.255	1465.9				
STD	800	1.07	34.730	27.85	28.48	0.283	1467.0				
STD	900	0.95	34.730	27.85	27.73	0.311	1468.2				
STD	1000	0.82	34.733	27.86	26.62	0.339	1469.3				
STD	1100	0.71	34.716	27.86	27.07	0.365	1470.5				
STD	1200	0.64	34.713	27.86	26.75	0.392	1471.8				
STD	1300	0.56	34.710	27.86	26.43	0.419	1473.1				
STD	1400	0.47	34.703	27.86	26.15	0.445	1474.4				
STD	1500	0.40	34.704	27.87	25.56	0.471	1475.8				
STD	1750	0.23	34.695	27.87	24.60	0.534	1479.3				
STD	2000	0.10	34.694	27.87	23.48	0.594	1483.0				
STD	2250	0.00	34.692	27.88	22.48	0.651	1486.8				
STD	2500	-0.14	34.689	27.88	21.03	0.706	1490.5				
STD	2750	-0.23	34.693	27.89	19.48	0.756	1494.4				
STD	3000	-0.32	34.702	27.90	17.51	0.803	1498.4				
STD	3228	-0.30	34.708	27.91	17.15	0.842	1502.4				
PING	27										
COM2	399	1.52	34.737	27.82				455	238	311	92
COM2	405	1.52	34.739	27.82				462	176	265	77
COM2	2431	-0.12	34.687	27.88				545	256	299	122
COM2	2837	-0.27	34.692	27.89				551	232	320	117
COM2	3209	-0.30	34.707	27.91				563	226	317	111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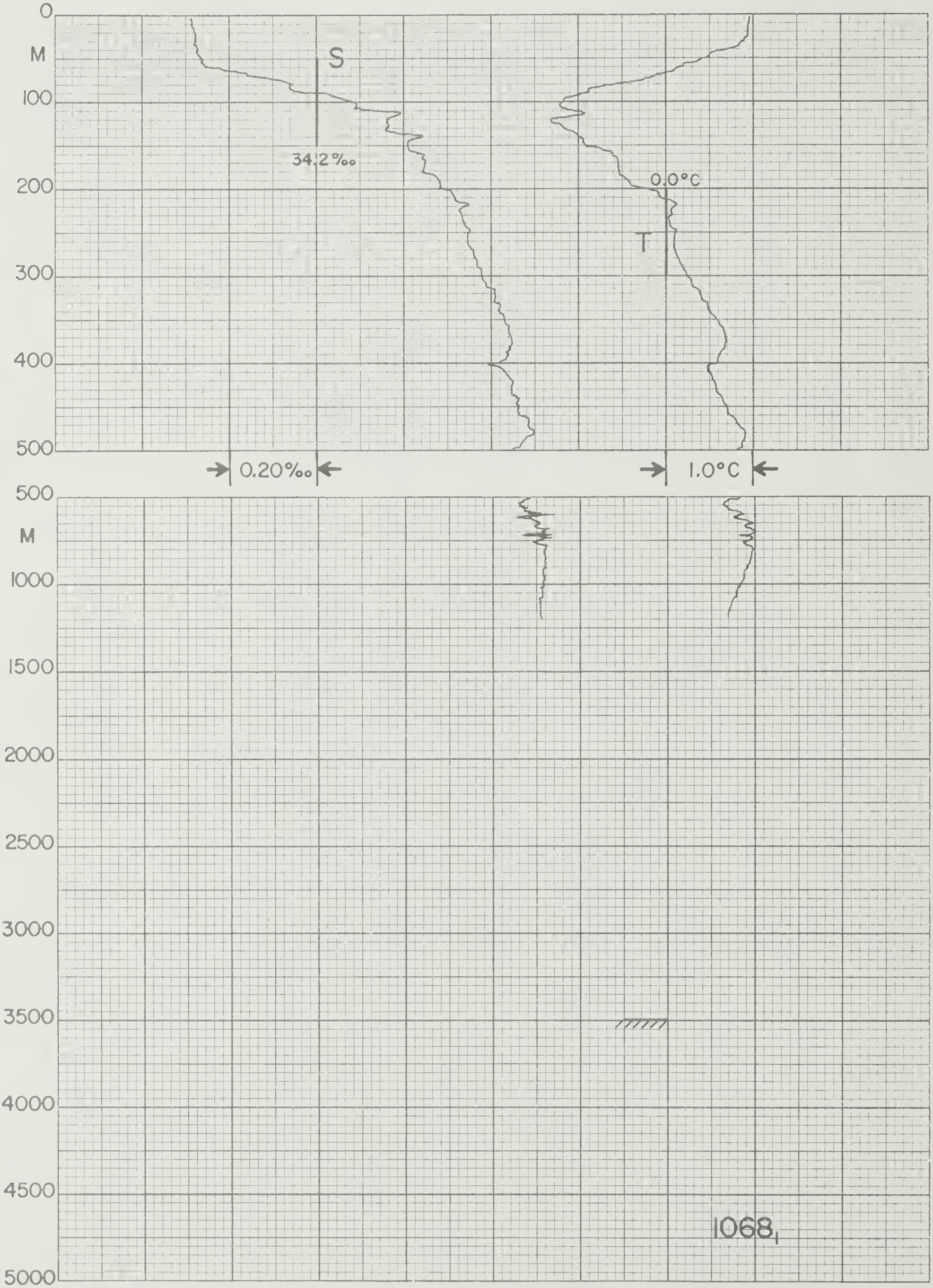
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1067	1	1	3	2	69	21.0	6404.1S	13810.6E	538	3440	-1.2	-8.3	244	243	9

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	1	0.54	33.887	27.20				760	158	271	40
COM1	928	1.21	34.739	27.84				469	206	307	116
OBS1	988	0.94	34.729	27.85				475			
COM1	1839	0.42	34.705	27.87				496	250	320	145Q
OBS1	2010	0.22	34.694	27.87				507			
COM1	2818	-0.11	34.690	27.88				529	216	293	132
OBS1	2978	-0.18	34.686	27.88				547			
COM1	3158	-0.27	34.692	27.89				552	206	292	124
OBS1	3426	-0.34	34.693	27.90				559			
STD	0	0.53	33.864	27.18	89.28	0.000	1450.1				
STD	10	0.57	33.882	27.20	88.12	0.009	1450.5				
STD	20	0.56	33.882	27.20	88.07	0.018	1450.6				
STD	30	0.55	33.877	27.19	88.36	0.027	1450.7				
STD	50	0.16	33.896	27.23	84.84	0.044	1449.3				
STD	75	-0.25	34.159	27.46	62.81	0.062	1448.2				
STD	100	-0.12	34.412	27.66	44.11	0.076	1449.6				
STD	125	0.24	34.533	27.74	36.79	0.086	1451.8				
STD	150	0.74	34.572	27.74	36.79	0.095	1454.6				
STD	200	1.07	34.625	27.76	35.00	0.113	1456.9				
STD	250	1.58	34.684	27.77	34.40	0.130	1460.1				
STD	300	1.50	34.686	27.78	33.83	0.147	1460.6				
STD	400	1.45	34.723	27.81	31.01	0.180	1462.1				
STD	500	1.42	34.732	27.82	30.45	0.210	1463.6				
STD	600	1.38	34.729	27.82	30.61	0.241	1465.1				
STD	700	1.19	34.730	27.84	29.31	0.271	1465.9				
STD	800	1.24	34.741	27.84	29.17	0.300	1467.8				
STD	900	1.16	34.740	27.85	28.81	0.329	1469.1				
STD	1000	1.04	34.731	27.85	28.57	0.358	1470.3				
STD	1100	0.93	34.728	27.85	28.12	0.386	1471.5				
STD	1200	0.85	34.722	27.85	28.06	0.414	1472.8				
STD	1300	0.80	34.719	27.85	27.91	0.442	1474.2				
STD	1400	0.71	34.718	27.86	27.32	0.470	1475.5				
STD	1500	0.64	34.714	27.86	27.10	0.497	1476.9				
STD	1750	0.44	34.704	27.86	26.13	0.564	1480.2				
STD	2000	0.28	34.695	27.87	25.15	0.628	1483.8				
STD	2250	0.13	34.691	27.87	23.96	0.689	1487.4				
STD	2500	0.03	34.690	27.88	22.84	0.748	1491.2				
STD	2750	-0.08	34.687	27.88	21.70	0.803	1495.1				
STD	3000	-0.20	34.685	27.88	20.24	0.856	1498.9				
STD	3250	-0.31	34.689	27.89	18.26	0.904	1502.8				
STD	3271	-0.34	34.688	27.89	18.00	0.908	1503.0				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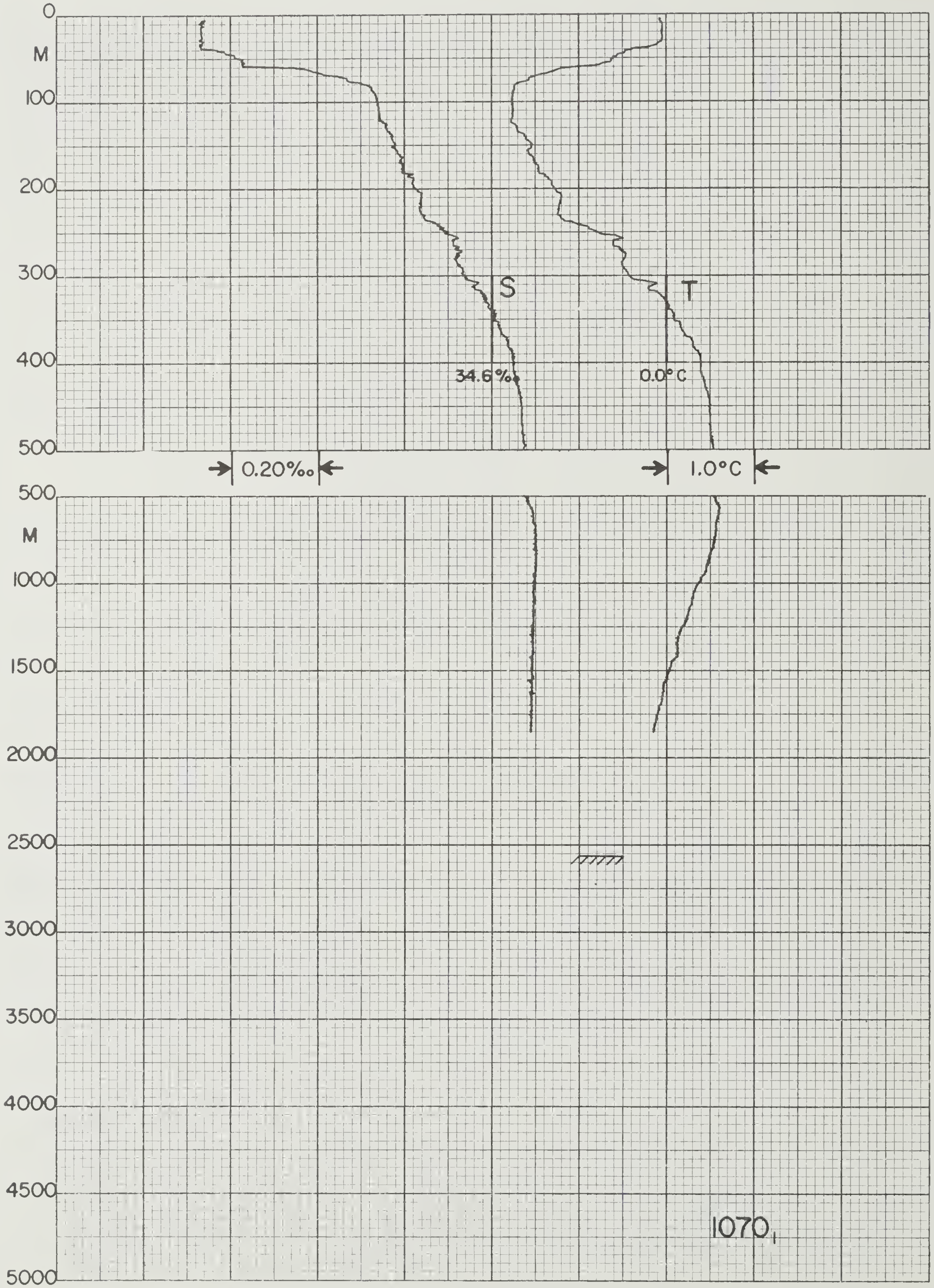
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1068	1	3	4	2	69	7.5	6401.0S	13529.8E	538	3495	-0.2	-3.3	244	254	5

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS1	3	0.97	33.942	27.22				749	156	268	38
OBS1	98	-1.13	34.295	27.61				676	192	303	70
OBS1	246	0.05	34.553	27.76				558	194	302	93
OBS1	494Q	1.02	34.699	27.82				479	204	316	115
OBS1	789	1.03	34.729	27.85				472	202	316	109
STD	0	0.97	33.916	27.20	87.88	0.000	1452.2				
STD	10	0.97	33.918	27.20	87.70	0.009	1452.3				
STD	20	0.95	33.924	27.21	87.11	0.018	1452.5				
STD	30	0.91	33.926	27.21	86.74	0.026	1452.4				
STD	50	0.48	33.939	27.25	83.27	0.043	1450.9				
STD	75	-0.22	34.112	27.42	66.49	0.062	1448.3				
STD	100	-1.16	34.287	27.60	49.20	0.076	1444.6				
STD	125	-1.16	34.342	27.65	44.95	0.088	1445.1				
STD	150	-0.91	34.412	27.69	40.47	0.099	1446.8				
STD	200	-0.28	34.493	27.73	37.00	0.118	1450.6				
STD	250	0.13	34.553	27.76	34.58	0.136	1453.4				
STD	300	0.25	34.582	27.78	33.15	0.153	1454.8				
STD	400	0.61	34.621	27.79	32.51	0.186	1458.1				
STD	500	0.82	34.646	27.79	32.28	0.218	1460.8				
STD	600	0.84	34.706	27.84	28.12	0.248	1462.7				
STD	700	1.01	34.722	27.84	28.41	0.277	1465.1				
STD	800	0.98	34.725	27.85	28.16	0.305	1466.7				
STD	900	0.93	34.721	27.85	28.20	0.333	1468.1				
STD	1000	0.85	34.719	27.85	27.85	0.361	1469.4				
STD	1100	0.75	34.711	27.85	27.76	0.389	1470.6				
STD	1195	0.70	34.714	27.86	27.16	0.415	1472.0				

EL 37	1069	0		4	2	69	10.7	6402.3S	13531.0E	538	3473	-0.2	-3.0	254	243	10

OBS	972	0.82	34.720	27.85			1468.8	480	202	317	130
OBS	1253	0.63	34.715	27.86			1472.7	484	214	328	142Q
OBS	1538	0.47	34.706	27.86			1476.8	492	218	330	149Q
OBS	1826	0.27	34.699	27.87			1480.8	501	218	333	151Q
OBS	2120	0.11	34.693	27.87			1485.1	518	178	324	132
OBS	2415	-0.01	34.691	27.88			1489.6	525	210	328	151Q
OBS	2709	-0.16	34.693	27.89			1494.1	535		302	95
OBS	3005	-0.24	34.693	27.89			1498.9	551	210	326	142Q
OBS	3224	-0.46	34.690	27.90			1501.7	506Q	222	321	130
OBS	3324	-0.49	34.686	27.90			1503.3	508Q	202	321	124



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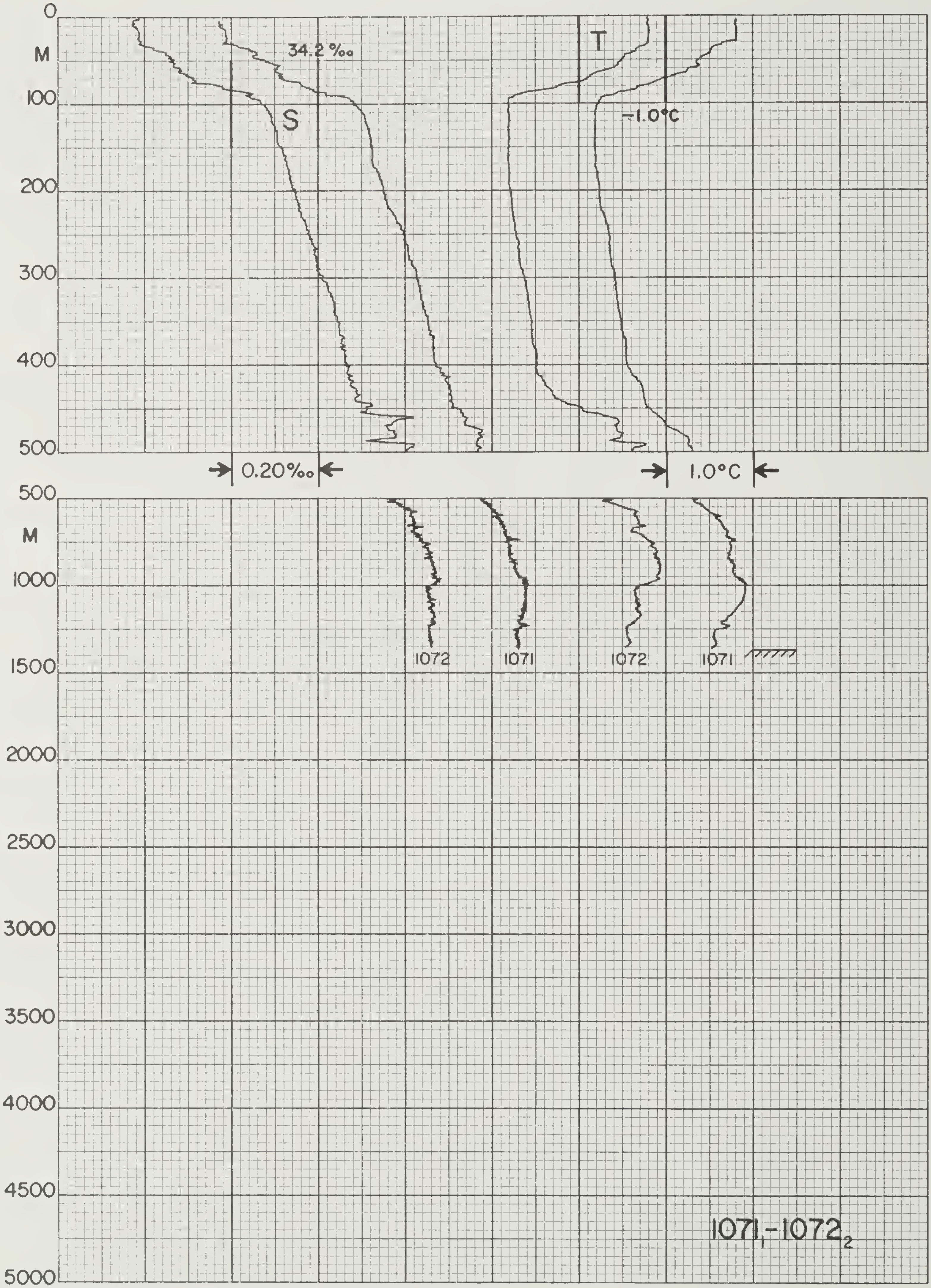
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1070	1	1	4	2	69	21.5	6435.9S	13529.2E	538	2563	-1.3	-1.8	115	93	5

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2 \cdot$ml/l	PHOS $10^2 \cdot \mu$gat/l	NITR $10 \cdot \mu$gat/l	SILIC μgat/l
OBS1	1925	-0.23	34.689	27.89				560	226	324	1430
OBS1	2176	-0.33	34.691	27.89				565	200	305	127
OBS1	2428	-0.43	34.693	27.90				575	242	325	134
OBS1	2578	-0.42	34.694	27.90				572	212	316	131
OBS1	2675	-0.41	34.694	27.90				580	196	316	129
STD	0	-0.07	33.939	27.28	80.54	0.000	1447.5				
STD	10	-0.07	33.928	27.27	81.40	0.008	1447.7				
STD	20	-0.06	33.931	27.27	81.17	0.016	1447.9				
STD	30	-0.05	33.933	27.27	81.04	0.024	1448.1				
STD	50	-0.61	34.016	27.36	72.22	0.040	1445.9				
STD	75	-1.58	34.267	27.60	49.58	0.055	1442.2				
STD	100	-1.77	34.336	27.66	43.56	0.067	1441.8				
STD	125	-1.77	34.354	27.67	42.07	0.077	1442.2				
STD	150	-1.55	34.377	27.69	40.86	0.088	1443.7				
STD	200	-1.30	34.424	27.72	37.87	0.107	1445.8				
STD	250	-0.82	34.496	27.76	34.09	0.125	1449.0				
STD	300	-0.44	34.536	27.77	32.81	0.142	1451.6				
STD	400	0.38	34.648	27.82	28.99	0.173	1457.2				
STD	500	0.52	34.671	27.83	28.28	0.202	1459.5				
STD	600	0.58	34.691	27.85	27.25	0.229	1461.5				
STD	700	0.56	34.694	27.85	26.93	0.256	1463.0				
STD	800	0.51	34.697	27.85	26.52	0.283	1464.5				
STD	900	0.44	34.698	27.86	25.94	0.309	1465.9				
STD	1000	0.35	34.693	27.86	25.65	0.335	1467.1				
STD	1100	0.27	34.692	27.86	25.11	0.361	1468.4				
STD	1200	0.21	34.691	27.87	24.71	0.385	1469.9				
STD	1300	0.12	34.684	27.87	24.53	0.410	1471.1				
STD	1400	0.10	34.691	27.87	23.81	0.434	1472.7				
STD	1500	0.01	34.688	27.87	23.20	0.458	1474.0				
STD	1750	-0.12	34.687	27.88	21.92	0.514	1477.7				
STD	1861	-0.18	34.685	27.88	21.41	0.538	1479.3				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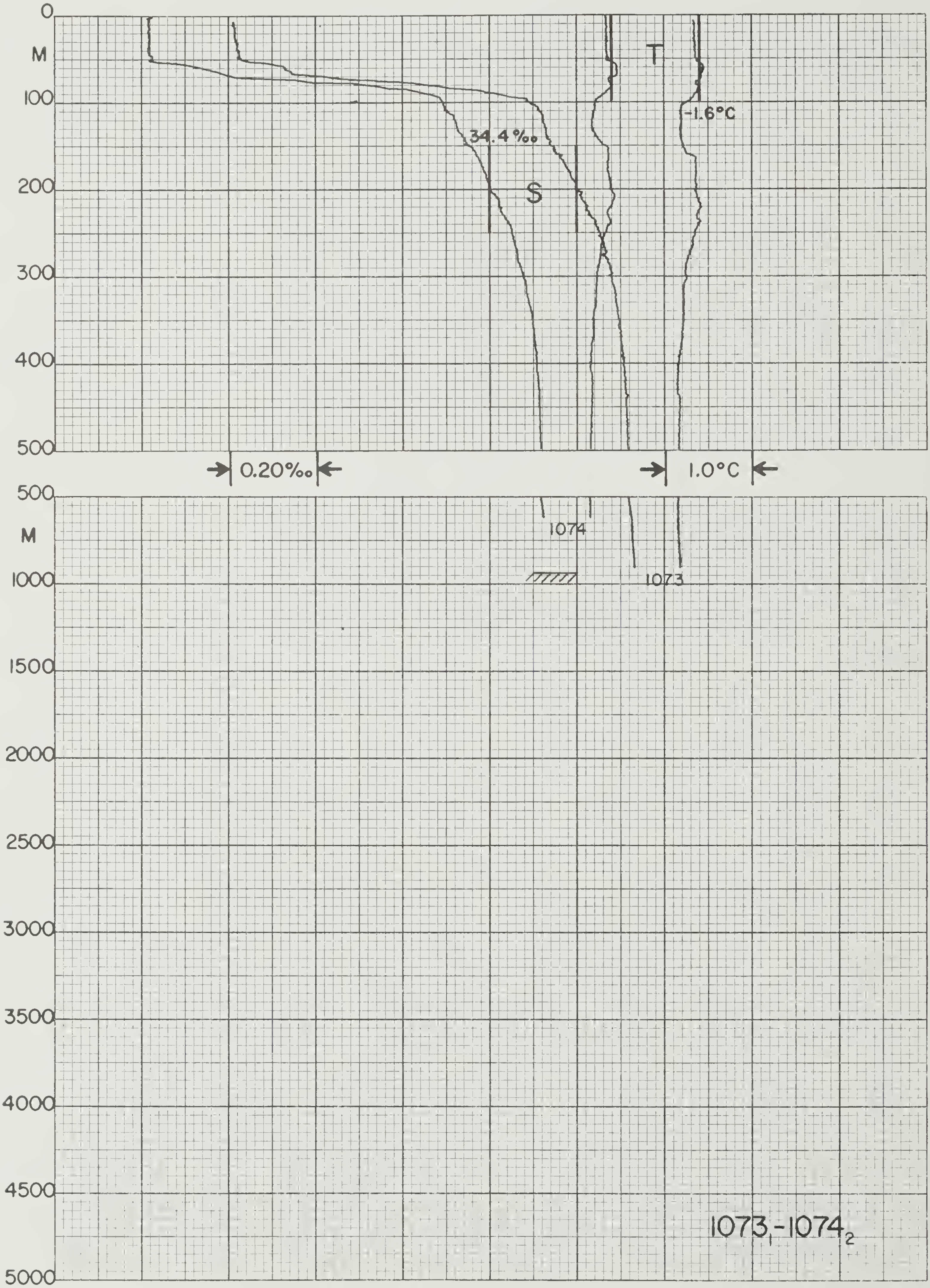
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1071	1	1	5	2	69	14.2	6439.7S	13259.2E	538	1358	0.9	0.6	32	1	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2\cdot$ml/l	PHOS $10^2\cdot\mu$gat/l	NITR $10\cdot\mu$gat/l	SILIC μgat/l
OBS1	4	-0.18	33.995	27.33				771	146	261	52
OBS1	1338	-0.45	34.660	27.87				562	194	288	120
STD	0	-0.20	33.972	27.31	77.41	0.000	1447.0				
STD	10	-0.21	33.974	27.31	77.25	0.008	1447.1				
STD	20	-0.20	33.986	27.32	76.33	0.015	1447.3				
STD	30	-0.30	33.983	27.32	76.14	0.023	1447.0				
STD	50	-0.62	34.077	27.41	67.50	0.037	1446.0				
STD	75	-1.12	34.149	27.49	60.00	0.053	1444.2				
STD	100	-1.77	34.283	27.62	47.62	0.067	1441.7				
STD	125	-1.82	34.312	27.64	45.16	0.078	1441.9				
STD	150	-1.82	34.324	27.65	44.07	0.090	1442.3				
STD	200	-1.77	34.350	27.67	41.91	0.111	1443.5				
STD	250	-1.66	34.396	27.71	38.48	0.131	1444.9				
STD	300	-1.60	34.426	27.73	36.16	0.150	1446.1				
STD	400	-1.46	34.469	27.76	32.89	0.184	1448.4				
STD	500	-0.72	34.565	27.81	28.65	0.215	1453.7				
STD	600	-0.43	34.619	27.84	25.99	0.242	1456.8				
STD	700	-0.31	34.626	27.84	26.13	0.268	1459.0				
STD	800	-0.28	34.639	27.85	25.18	0.294	1460.8				
STD	900	-0.24	34.650	27.86	24.52	0.319	1462.7				
STD	1000	-0.10	34.672	27.87	23.73	0.343	1465.0				
STD	1100	-0.15	34.675	27.87	23.11	0.367	1466.5				
STD	1200	-0.33	34.665	27.87	22.35	0.389	1467.4				
STD	1300	-0.47	34.655	27.87	21.86	0.411	1468.4				
STD	1371	-0.49	34.659	27.88	21.22	0.427	1469.5				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CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1073	1	1	6	2	69	1.5	6525.0S	13311.5E	538	939	-3.6	-4.1	116	124	11

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2\cdot$ml/l	PHOS $10^2\cdot$µgat/l	NITR $10\cdot$µgat/l	SILIC µgat/l
OBS1	7	-1.66	33.641	27.09				810			
OBS1	42		33.649					818	108		
OBS1	82	-1.60	34.119	27.48				917Q	172		
OBS1	166	-1.64	34.388	27.70				718	180	277	88
OBS1	248	-1.64	34.456	27.75				718	154	259	79
OBS1	332	-1.79	34.499	27.79				738	184	279	85
OBS1	416	-1.84	34.517	27.81				728	180	283	84
OBS1	540	-1.81	34.518	27.81				748	202		
OBS1	704	-1.84	34.528	27.82				722	174	278	86
OBS1	776	-1.84	34.531	27.82				730	176	279	86
OBS1	864	-1.84	34.532	27.82				723	182	276	81
STD	0	-1.67	33.610	27.07	100.17	0.000	1439.6				
STD	10	-1.66	33.611	27.07	100.03	0.010	1439.8				
STD	20	-1.66	33.613	27.07	99.80	0.020	1439.9				
STD	30	-1.66	33.616	27.07	99.53	0.030	1440.1				
STD	50	-1.64	33.627	27.08	98.56	0.050	1440.6				
STD	75	-1.61	33.934	27.33	74.98	0.071	1441.6				
STD	100	-1.74	34.288	27.62	47.36	0.087	1441.9				
STD	125	-1.81	34.323	27.65	44.30	0.098	1442.0				
STD	150	-1.79	34.339	27.66	43.00	0.109	1442.5				
STD	200	-1.64	34.399	27.71	38.56	0.130	1444.2				
STD	250	-1.66	34.450	27.75	34.33	0.148	1445.0				
STD	300	-1.76	34.474	27.77	31.88	0.164	1445.3				
STD	400	-1.85	34.505	27.80	28.66	0.195	1446.6				
STD	500	-1.85	34.515	27.81	27.37	0.223	1448.3				
STD	600	-1.86	34.521	27.81	26.24	0.249	1450.0				
STD	700	-1.85	34.523	27.81	25.52	0.275	1451.7				
STD	800	-1.84	34.526	27.82	24.81	0.300	1453.4				
STD	900	-1.83	34.529	27.82	24.07	0.325	1455.1				
STD	914	-1.83	34.529	27.82	23.93	0.328	1455.3				
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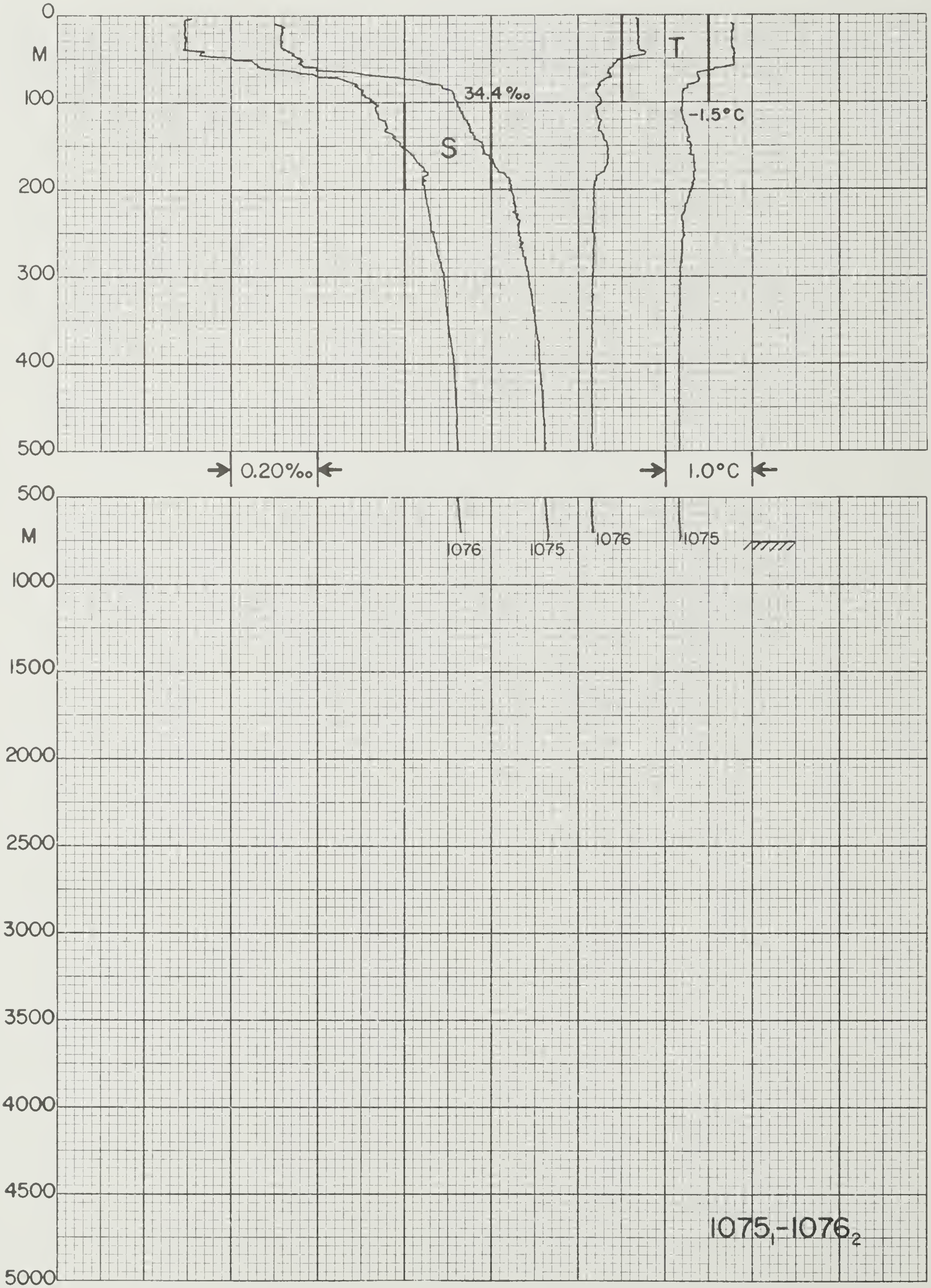
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CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1075	1	1	6	2	69	7.5	6517.6S	13215.0E	538	724	-2.6	-3.6	97	125	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS1	13	-1.22	33.928	27.31					136	285	55
OBS1	699	-1.84	34.528	27.82				723	154	225	64
STD	0	-1.25	33.902	27.29	78.90	0.000	1442.0				
STD	10	-1.25	33.902	27.29	78.81	0.008	1442.2				
STD	20	-1.24	33.917	27.30	77.66	0.016	1442.4				
STD	30	-1.24	33.917	27.31	77.59	0.023	1442.5				
STD	50	-1.23	33.961	27.34	74.17	0.039	1443.0				
STD	75	-1.63	34.230	27.57	52.24	0.054	1441.9				
STD	100	-1.81	34.322	27.65	44.54	0.067	1441.6				
STD	125	-1.78	34.347	27.67	42.57	0.077	1442.2				
STD	150	-1.71	34.379	27.69	40.14	0.088	1442.9				
STD	200	-1.71	34.443	27.74	35.00	0.107	1443.9				
STD	250	-1.80	34.462	27.76	32.96	0.124	1444.3				
STD	300	-1.84	34.483	27.78	30.93	0.140	1445.0				
STD	400	-1.86	34.508	27.80	28.37	0.169	1446.6				
STD	500	-1.86	34.520	27.81	26.87	0.197	1448.3				
STD	600	-1.86	34.525	27.81	25.94	0.223	1450.0				
STD	700	-1.84	34.529	27.82	25.17	0.249	1451.7				
STD	755	-1.85	34.527	27.82	24.88	0.262	1452.6				
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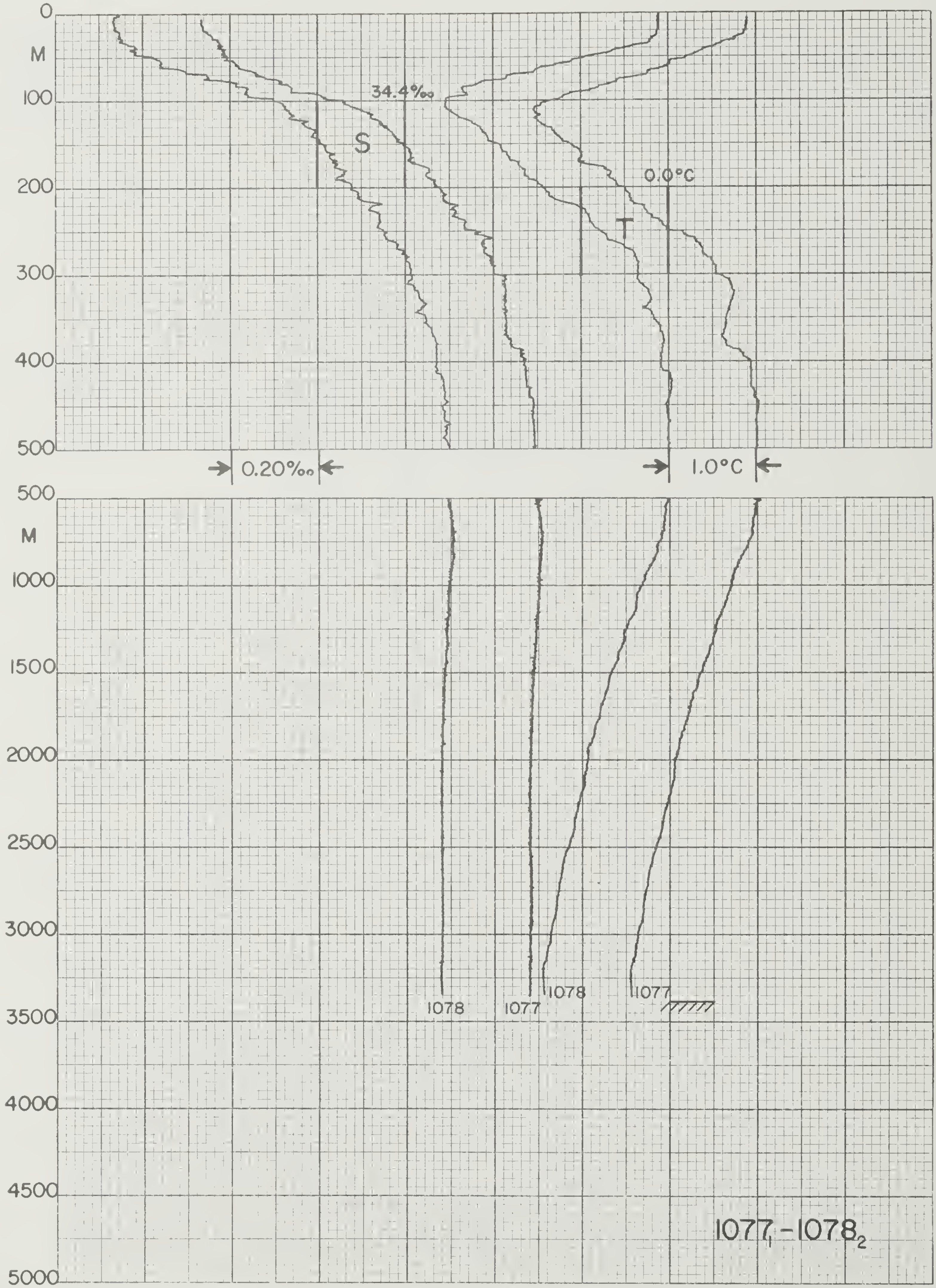
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CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1077	1	1	6	2	69	18.0	6355.2S	13227.3E	538	3353	2.0	1.8	44	113	5

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2· ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS1	7	0.90	33.946	27.23				757	158	259	45
OBS1	2813	-0.30	34.682	27.89				553	218	302	148Q
OBS1	3110	-0.40	34.684	27.89				563	186	273	125
OBS1	3259	-0.45	34.682	27.89				575	198	293	128
OBS1	3324	-0.44	34.682	27.89				570	122	222	88
STD	0	0.90	33.933	27.22	86.07	0.000	1451.9				
STD	10	0.90	33.932	27.22	86.19	0.009	1452.1				
STD	20	0.88	33.942	27.23	85.31	0.017	1452.2				
STD	30	0.76	33.968	27.25	82.61	0.026	1451.8				
STD	50	0.23	33.990	27.30	78.03	0.042	1449.8				
STD	75	-0.47	34.086	27.41	67.38	0.060	1447.1				
STD	100	-1.32	34.256	27.58	51.05	0.075	1443.8				
STD	125	-1.47	34.343	27.66	43.82	0.086	1443.6				
STD	150	-1.13	34.396	27.69	40.79	0.097	1445.7				
STD	200	-0.54	34.478	27.73	36.94	0.116	1449.4				
STD	250	0.00	34.560	27.77	33.43	0.134	1452.8				
STD	300	0.53	34.603	27.78	33.33	0.151	1456.1				
STD	400	0.93	34.671	27.81	30.99	0.183	1459.7				
STD	500	1.00	34.697	27.82	29.72	0.213	1461.7				
STD	600	0.97	34.702	27.83	29.34	0.243	1463.2				
STD	700	0.93	34.708	27.84	28.87	0.272	1464.7				
STD	800	0.86	34.705	27.84	28.63	0.301	1466.1				
STD	900	0.76	34.702	27.84	28.24	0.329	1467.3				
STD	1000	0.69	34.702	27.85	27.84	0.357	1468.7				
STD	1100	0.63	34.699	27.85	27.57	0.385	1470.1				
STD	1200	0.54	34.693	27.85	27.38	0.412	1471.3				
STD	1300	0.49	34.693	27.85	27.02	0.440	1472.8				
STD	1400	0.43	34.690	27.85	26.77	0.466	1474.2				
STD	1500	0.35	34.685	27.85	26.46	0.493	1475.5				
STD	1750	0.19	34.682	27.86	25.22	0.558	1479.1				
STD	2000	0.05	34.680	27.87	23.91	0.619	1482.7				
STD	2250	-0.04	34.679	27.87	23.00	0.678	1486.6				
STD	2500	-0.16	34.680	27.88	21.47	0.733	1490.4				
STD	2750	-0.28	34.682	27.88	19.68	0.785	1494.1				
STD	3000	-0.38	34.679	27.89	18.51	0.832	1498.1				
STD	3250	-0.46	34.678	27.89	17.19	0.877	1502.1				
STD	3361	-0.45	34.677	27.89	17.39	0.896	1504.1				
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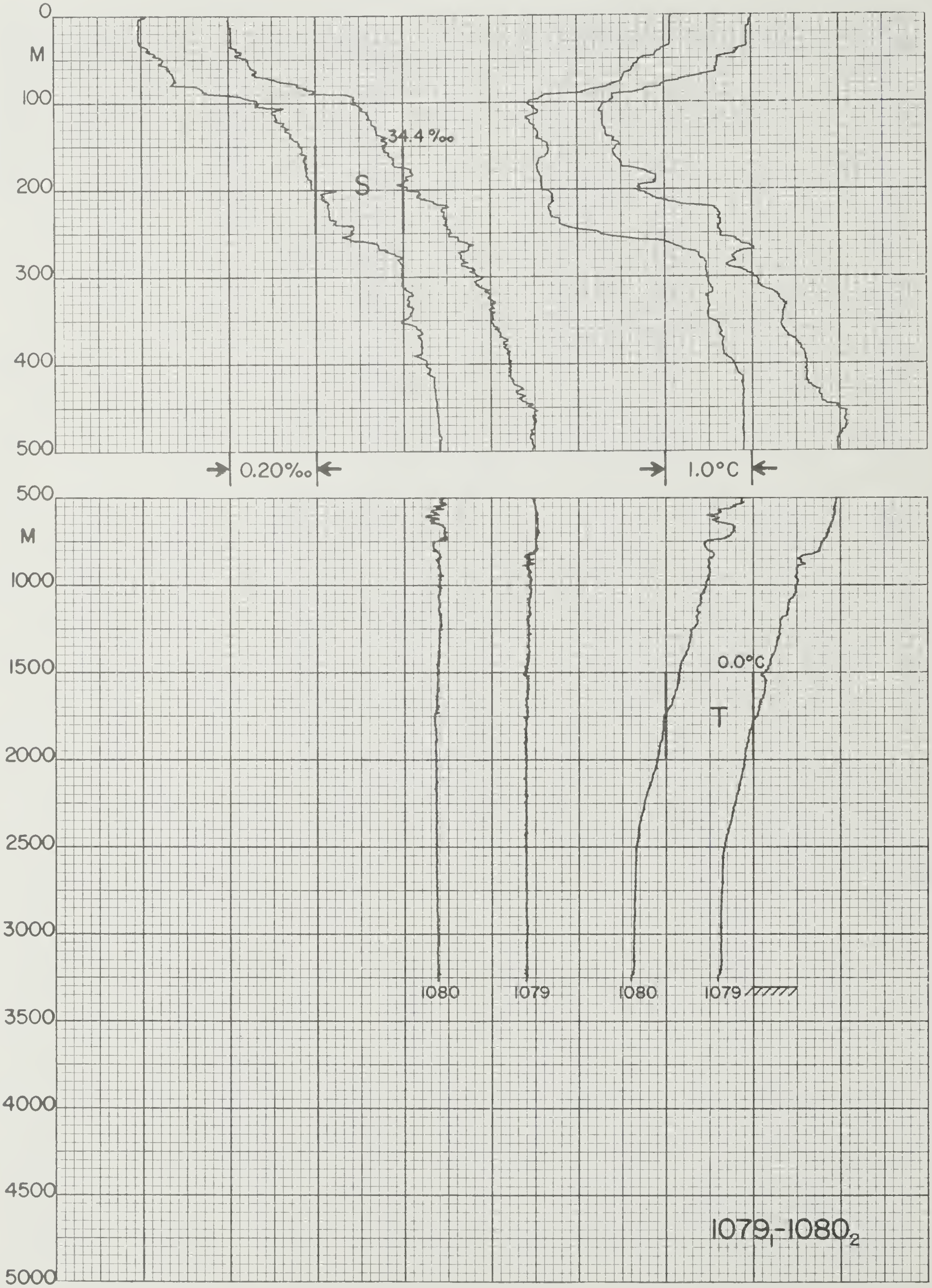
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CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1079	1	1	7	2	69	13.2	6403.1S	13015.2E	538	3246	-1.0	-4.3	225	234	5

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2 \cdot$ ml/l	PHOS $10^2 \cdot \mu$gat/l	NITR $10 \cdot \mu$gat/l	SILIC μgat/l
OBS1	8	-0.03	34.014	27.33				765	132	207	35
OBS1	2723	-0.36	34.674	27.88				561	200	289	131
OBS1	3011	-0.37	34.681	27.89				561	206	299	143Q
OBS1	3155	-0.37	34.681	27.89				565	164	290	118
OBS1	3227	-0.40	34.679	27.89				566	202	290	140Q
STD	0	-0.00	33.998	27.32	76.35	0.000	1447.9				
STD	10	-0.01	34.000	27.32	76.12	0.008	1448.0				
STD	20	-0.05	34.006	27.33	75.51	0.015	1448.0				
STD	30	-0.05	34.006	27.33	75.46	0.023	1448.2				
STD	50	-0.38	34.037	27.37	71.56	0.037	1447.0				
STD	75	-0.82	34.107	27.44	64.34	0.054	1445.5				
STD	100	-1.62	34.289	27.62	47.56	0.068	1442.4				
STD	125	-1.70	34.329	27.65	44.17	0.080	1442.5				
STD	150	-1.53	34.356	27.67	42.45	0.091	1443.8				
STD	200	-1.28	34.411	27.71	38.95	0.111	1445.9				
STD	250	-0.34	34.508	27.75	35.49	0.130	1451.2				
STD	300	0.02	34.572	27.78	32.54	0.147	1453.8				
STD	400	0.63	34.642	27.80	31.10	0.179	1458.3				
STD	500	0.97	34.696	27.82	29.62	0.209	1461.5				
STD	600	0.93	34.704	27.83	28.92	0.238	1463.0				
STD	700	0.85	34.701	27.84	28.74	0.267	1464.4				
STD	800	0.76	34.702	27.84	28.10	0.295	1465.6				
STD	900	0.51	34.682	27.84	27.67	0.323	1466.1				
STD	1000	0.50	34.687	27.85	27.35	0.351	1467.8				
STD	1100	0.41	34.685	27.85	26.80	0.378	1469.1				
STD	1200	0.32	34.680	27.85	26.46	0.404	1470.3				
STD	1300	0.29	34.684	27.86	25.95	0.431	1471.9				
STD	1400	0.23	34.684	27.86	25.39	0.456	1473.3				
STD	1500	0.14	34.677	27.86	25.17	0.482	1474.6				
STD	1750	0.04	34.680	27.87	23.95	0.543	1478.4				
STD	2000	-0.10	34.677	27.87	22.65	0.601	1482.0				
STD	2250	-0.22	34.675	27.88	21.39	0.656	1485.8				
STD	2500	-0.34	34.676	27.88	19.80	0.708	1489.6				
STD	2750	-0.37	34.677	27.88	19.01	0.756	1493.7				
STD	3000	-0.38	34.680	27.89	18.43	0.803	1498.1				
STD	3250	-0.42	34.678	27.89	17.82	0.848	1502.3				
STD	3276	-0.42	34.676	27.89	17.98	0.853	1502.7				
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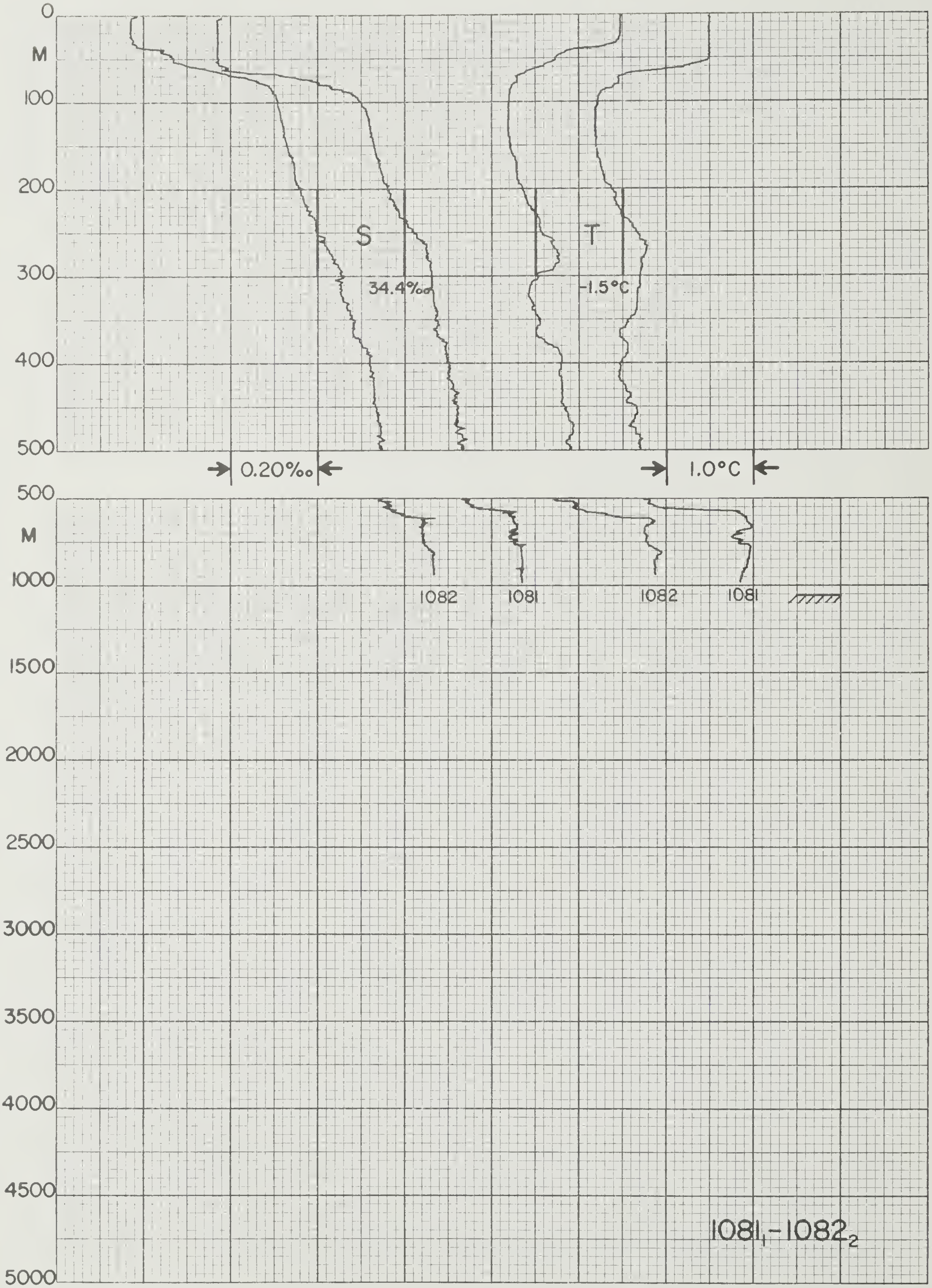
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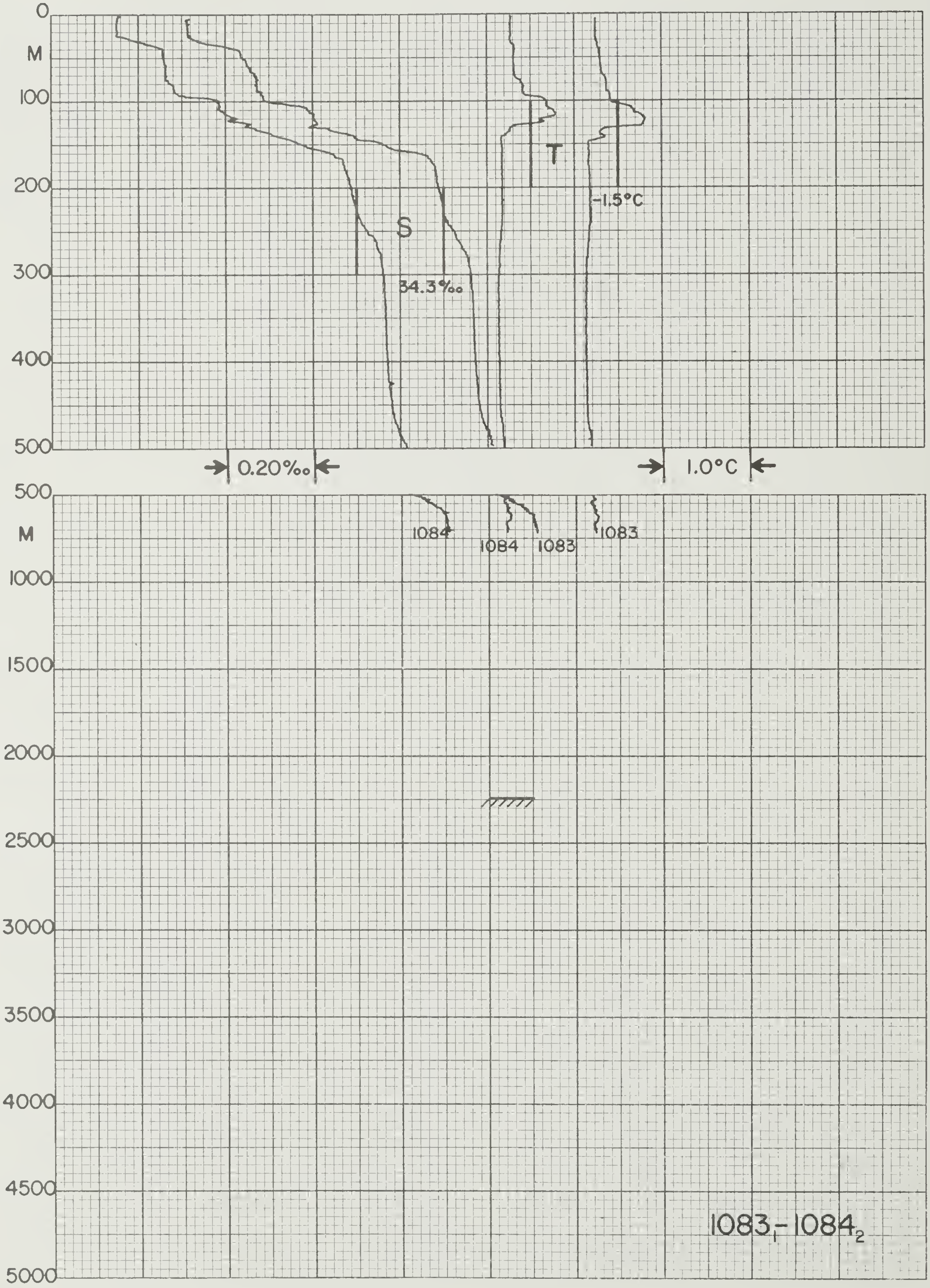
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1081	1	1	7	2	69	21.5	6453.9S	13000.5E	538	1010	-2.2	-6.5	114	143	5

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS1	7	-0.50	33.986	27.33				787	158	258	55
OBS1	464	-1.44	34.520	27.80				687	202	286	100
OBS1	759	-0.22	34.649	27.85				555	200	288	140
OBS1	907	-0.11	34.671	27.87				528	198	282	146Q
OBS1	980	-0.14	34.675	27.87				536	218	304	155Q
STD	0	-0.51	33.979	27.33	75.63	0.000	1445.5				
STD	10	-0.50	33.970	27.32	76.28	0.008	1445.7				
STD	20	-0.50	33.970	27.32	76.22	0.015	1445.9				
STD	30	-0.50	33.972	27.32	76.09	0.023	1446.0				
STD	50	-0.51	33.972	27.32	75.97	0.038	1446.4				
STD	75	-1.55	34.187	27.53	55.74	0.055	1442.2				
STD	100	-1.78	34.298	27.63	46.49	0.067	1441.7				
STD	125	-1.82	34.320	27.65	44.50	0.079	1442.0				
STD	150	-1.81	34.331	27.66	43.56	0.090	1442.4				
STD	200	-1.63	34.362	27.68	41.43	0.111	1444.2				
STD	250	-1.35	34.421	27.72	37.67	0.131	1446.4				
STD	300	-1.30	34.461	27.75	34.55	0.149	1447.5				
STD	400	-1.53	34.500	27.79	30.22	0.181	1448.2				
STD	500	-1.30	34.533	27.81	28.22	0.210	1450.9				
STD	600	-0.13	34.642	27.85	26.07	0.237	1458.1				
STD	700	-0.20	34.646	27.85	25.33	0.263	1459.5				
STD	800	-0.05	34.666	27.86	24.72	0.288	1461.9				
STD	900	-0.08	34.669	27.86	24.14	0.313	1463.4				
STD	989	-0.16	34.668	27.87	23.58	0.334	1464.6				
PING	68										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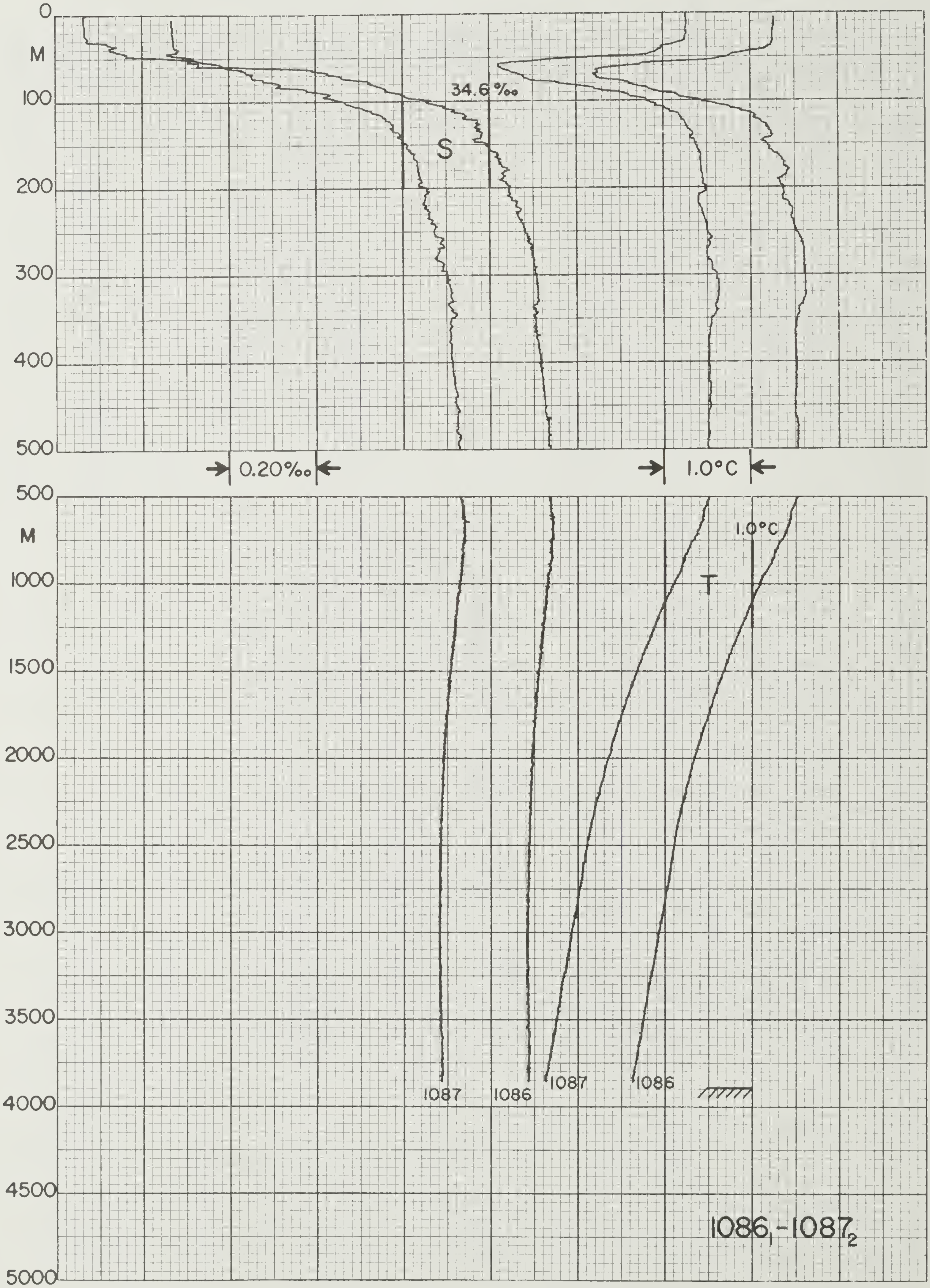
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1083	1	1	8	2	69	5.5	6519.9S	12953.9E	539	2244	-1.9	-6.1	96	103	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS1	697	-1.79	34.507	27.80				721	152	265	56
STD	0	-1.75	33.717	27.16	91.77	0.000	1439.3				
STD	10	-1.75	33.713	27.15	92.03	0.009	1439.5				
STD	20	-1.75	33.715	27.16	91.80	0.018	1439.7				
STD	30	-1.74	33.730	27.17	90.55	0.027	1439.9				
STD	50	-1.70	33.837	27.25	82.34	0.045	1440.6				
STD	75	-1.64	33.872	27.28	79.67	0.065	1441.3				
STD	100	-1.58	33.890	27.29	78.28	0.085	1442.1				
STD	125	-1.20	34.009	27.38	70.26	0.103	1444.4				
STD	150	-1.84	34.162	27.52	56.45	0.119	1442.0				
STD	200	-1.82	34.289	27.62	46.42	0.145	1443.1				
STD	250	-1.83	34.323	27.65	43.55	0.167	1444.0				
STD	300	-1.86	34.362	27.68	40.09	0.188	1444.7				
STD	400	-1.87	34.372	27.69	38.72	0.228	1446.3				
STD	500	-1.81	34.414	27.72	35.12	0.265	1448.3				
STD	600	-1.79	34.486	27.78	29.18	0.297	1450.2				
STD	700	-1.78	34.509	27.80	26.93	0.325	1452.0				
STD	726	-1.78	34.511	27.80	26.60	0.332	1452.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1085	0		8	2	69	17.0	6458.7S	12720.5E	539	2233	-0.4	-2.0	94	83	19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	-0.36	33.901	27.26			1446.1	781	144	258	58
OBS	25	-0.32	33.908	27.26			1446.7	794	146	259	58
OBS	51	-0.35	34.015	27.35			1447.2	771	142	263	58
OBS	75	-1.40	34.135	27.49			1442.8	746	148	268	69
OBS	101	-1.80	34.286	27.62			1441.6	736	150	275	80
OBS	125	-1.83	34.316	27.64			1441.9	733	176	278	81
OBS	150	-1.80	34.330	27.66			1442.5	729	164	277	81
OBS	200	-1.74	34.360	27.68			1443.6	709	202	276	83
OBS	250	-1.77	34.387	27.70			1444.3	726	146	275	84
OBS	350	-1.50	34.449	27.74			1447.4	691	194	279	94
OBS	450	-1.27	34.512	27.79			1450.2	677		287	84
OBS	600	-0.03	34.636	27.83			1458.6	550	184	294	133
OBS	778	0.28	34.682	27.86			1463.0	508		300	
OBS	1063	0.07	34.676	27.86			1466.8	514	164	302	
OBS	1356	-0.10	34.676	27.87			1471.0	533		300	
OBS	1650	-0.24	34.675	27.88			1475.3	539	168	299	
OBS	1943	-0.36	34.679	27.89			1479.8	557	176	300	133
OBS	2142	-0.39	34.677	27.89			1483.0	564	200	299	143Q
OBS	2213	-0.41	34.677	27.89			1484.2	562	198	298	148Q
ISL	0	-0.36	33.901	27.26	82.18	0.000	1446.1				
ISL	10	-0.33	33.895	27.25	82.77	0.008	1446.4				
ISL	20	-0.32	33.900	27.26	82.34	0.017	1446.6				
ISL	30	-0.32	33.921	27.27	80.70	0.025	1446.8				
ISL	50	-0.33	34.010	27.35	73.83	0.040	1447.2				
ISL	75	-1.40	34.135	27.49	60.19	0.057	1442.8				
ISL	100	-1.79	34.282	27.62	47.67	0.070	1441.6				
ISL	125	-1.83	34.316	27.64	44.81	0.082	1441.9				
ISL	150	-1.80	34.330	27.66	43.68	0.093	1442.5				
ISL	200	-1.74	34.360	27.68	41.25	0.114	1443.6				
ISL	250	-1.77	34.387	27.70	38.79	0.134	1444.3				
ISL	300	-1.63	34.418	27.72	36.64	0.153	1445.9				
ISL	400	-1.38	34.480	27.77	32.31	0.188	1448.8				
ISL	500	-0.92	34.549	27.81	28.79	0.218	1452.7				
ISL	600	-0.03	34.636	27.83	27.23	0.246	1458.6				
ISL	700	0.26	34.675	27.85	26.24	0.273	1461.6				
ISL	800	0.26	34.681	27.86	25.81	0.299	1463.3				
ISL	900	0.19	34.679	27.86	25.42	0.324	1464.7				
ISL	1000	0.11	34.677	27.86	25.01	0.350	1466.0				
ISL	1100	0.05	34.676	27.86	24.55	0.374	1467.3				
ISL	1200	-0.01	34.676	27.87	24.00	0.399	1468.7				
ISL	1300	-0.07	34.676	27.87	23.48	0.422	1470.2				
ISL	1400	-0.12	34.676	27.87	22.97	0.446	1471.6				
ISL	1500	-0.17	34.676	27.87	22.51	0.468	1473.1				
ISL	1750	-0.28	34.676	27.88	21.24	0.523	1476.8				
ISL	2000	-0.37	34.678	27.89	19.96	0.575	1480.7				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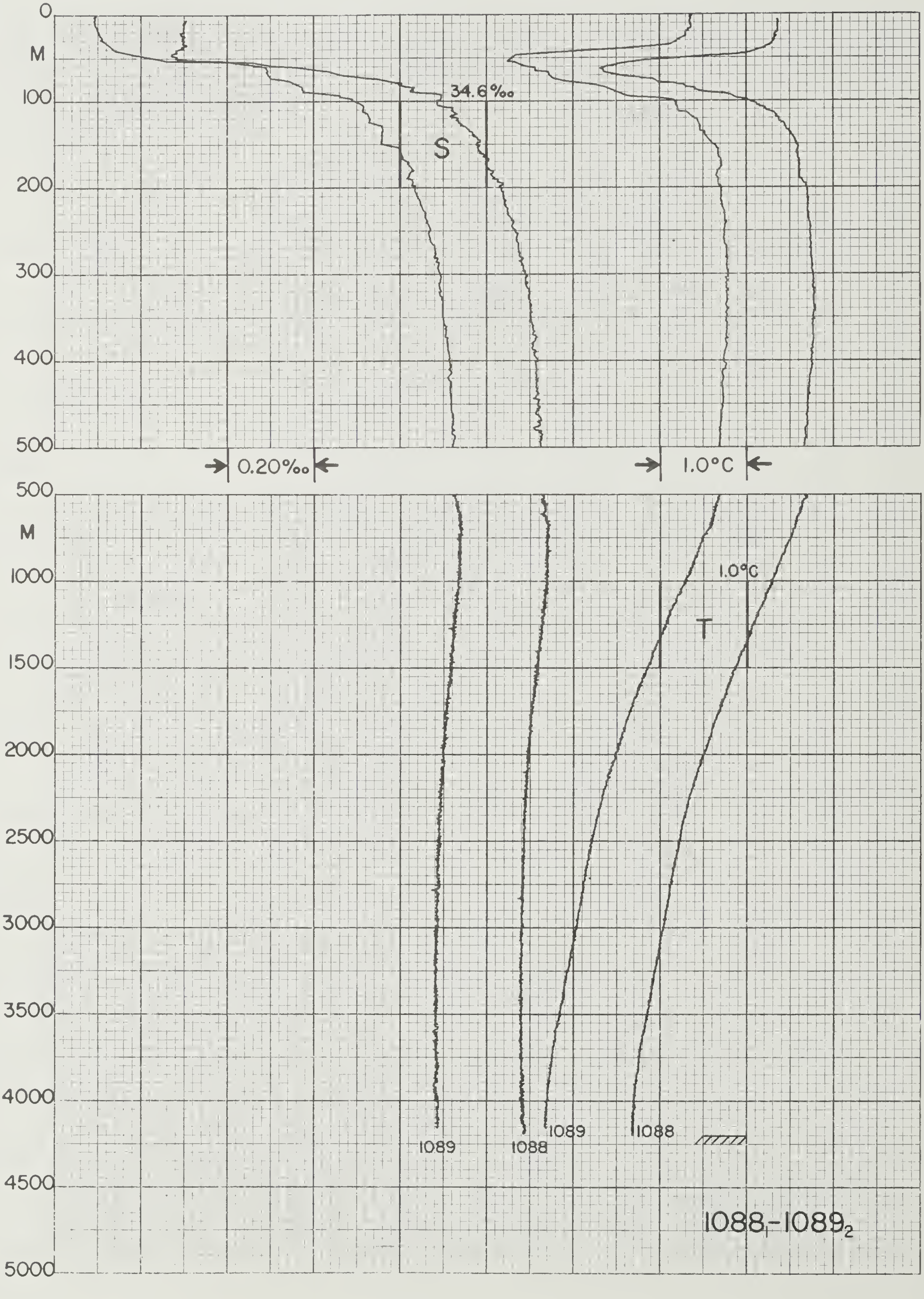
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1086	1	1	9	2	69	8.5	6400.0S	12726.2E	539	3893	1.7	1.4	34	63	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	1	1.27	33.901	27.17					84	204	41
STD	0	1.27	33.869	27.14	93.26	0.000	1453.5				
STD	10	1.27	33.869	27.14	93.27	0.009	1453.6				
STD	20	1.26	33.869	27.14	93.20	0.019	1453.8				
STD	30	1.26	33.873	27.15	92.91	0.028	1453.9				
STD	50	0.76	33.919	27.21	86.39	0.046	1452.1				
STD	75	-0.75	34.268	27.57	52.30	0.063	1446.1				
STD	100	0.40	34.466	27.67	42.78	0.075	1452.0				
STD	125	1.12	34.573	27.72	39.14	0.085	1455.8				
STD	150	1.18	34.594	27.73	37.99	0.095	1456.5				
STD	200	1.37	34.647	27.76	35.56	0.113	1458.3				
STD	250	1.52	34.679	27.77	34.33	0.131	1459.8				
STD	300	1.62	34.706	27.79	33.26	0.148	1461.1				
STD	400	1.52	34.716	27.80	32.11	0.180	1462.4				
STD	500	1.52	34.735	27.82	31.04	0.212	1464.1				
STD	600	1.44	34.736	27.82	30.55	0.243	1465.4				
STD	700	1.38	34.740	27.83	30.16	0.273	1466.8				
STD	800	1.28	34.738	27.84	29.77	0.303	1468.0				
STD	900	1.20	34.733	27.84	29.62	0.333	1469.3				
STD	1000	1.08	34.729	27.84	29.11	0.362	1470.4				
STD	1100	0.99	34.724	27.85	28.99	0.391	1471.7				
STD	1200	0.92	34.721	27.85	28.65	0.420	1473.1				
STD	1300	0.83	34.717	27.85	28.31	0.449	1474.3				
STD	1400	0.75	34.714	27.85	27.95	0.477	1475.7				
STD	1500	0.67	34.708	27.85	27.81	0.505	1477.0				
STD	1750	0.49	34.699	27.86	26.97	0.573	1480.5				
STD	2000	0.32	34.690	27.86	26.04	0.639	1483.9				
STD	2250	0.20	34.689	27.87	24.78	0.703	1487.7				
STD	2500	0.09	34.686	27.87	23.87	0.764	1491.5				
STD	2750	0.01	34.683	27.87	23.08	0.822	1495.5				
STD	3000	-0.09	34.681	27.87	21.86	0.878	1499.4				
STD	3250	-0.18	34.681	27.88	20.59	0.932	1503.4				
STD	3500	-0.27	34.682	27.88	19.09	0.981	1507.4				
STD	3750	-0.36	34.684	27.89	17.54	1.027	1511.4				
STD	3865	-0.39	34.682	27.89	17.06	1.047	1513.3				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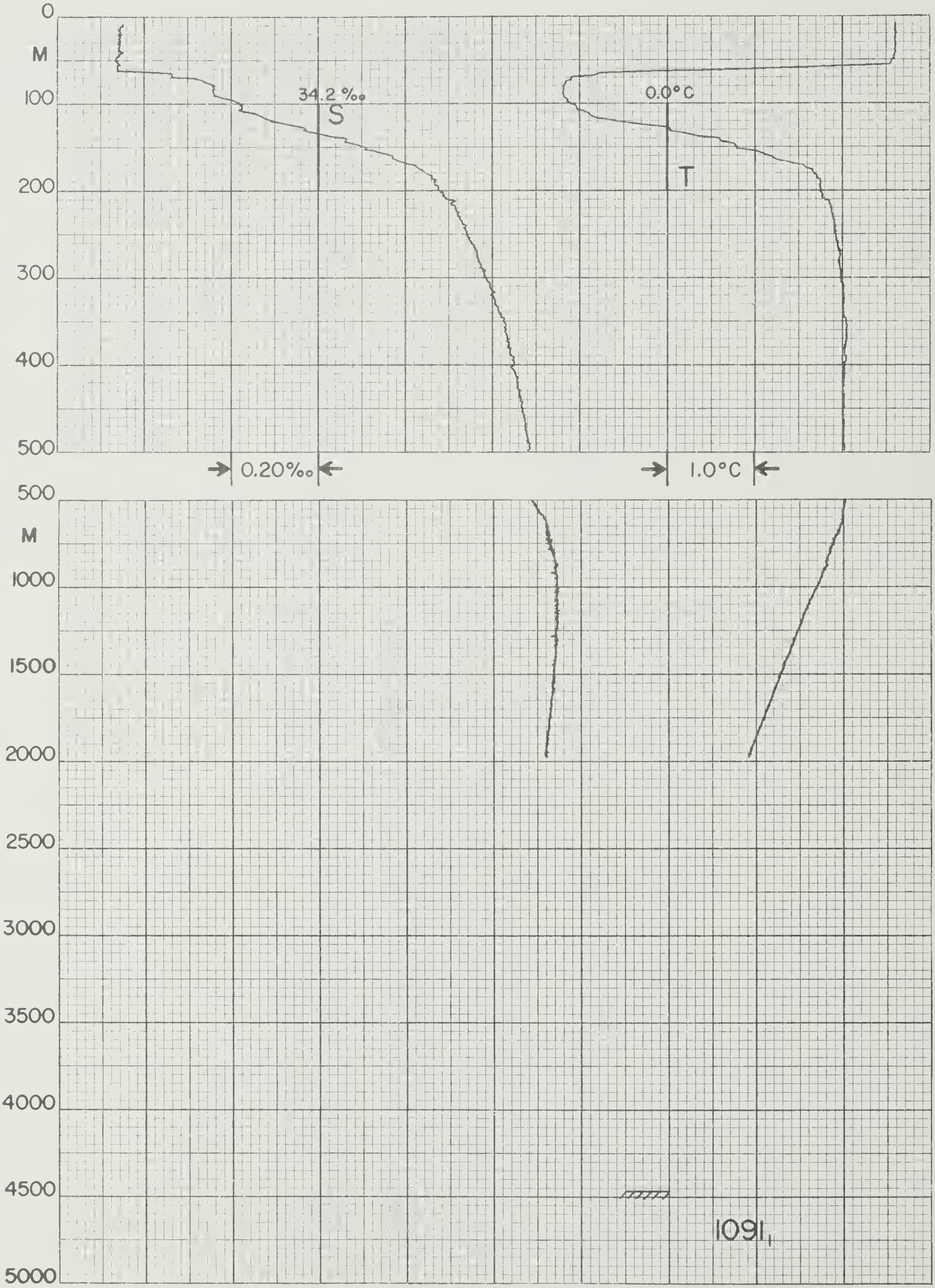
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1088	1	1	10	2	69	10.8	6303.0S	12716.0E	539	4156	2.8	1.9	344	333	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	4	1.38	33.916	27.17				750	120	254	
STD	0	1.36	33.906	27.16	91.06	0.000	1453.9				
STD	10	1.37	33.900	27.16	91.53	0.009	1454.1				
STD	20	1.36	33.900	27.16	91.52	0.018	1454.3				
STD	30	1.32	33.897	27.16	91.52	0.027	1454.3				
STD	50	0.37	33.884	27.21	86.87	0.045	1450.3				
STD	75	-0.10	34.342	27.60	49.53	0.062	1449.2				
STD	100	1.03	34.486	27.65	45.04	0.074	1454.9				
STD	125	1.40	34.537	27.67	43.80	0.085	1457.0				
STD	150	1.59	34.578	27.69	42.06	0.096	1458.3				
STD	200	1.70	34.633	27.72	38.95	0.116	1459.7				
STD	250	1.74	34.667	27.75	36.93	0.135	1460.8				
STD	300	1.77	34.689	27.76	35.70	0.153	1461.8				
STD	400	1.75	34.718	27.79	33.78	0.188	1463.4				
STD	500	1.66	34.725	27.80	32.89	0.221	1464.7				
STD	600	1.61	34.735	27.81	32.11	0.254	1466.1				
STD	700	1.54	34.741	27.82	31.44	0.286	1467.5				
STD	800	1.44	34.738	27.83	31.10	0.317	1468.7				
STD	900	1.36	34.735	27.83	30.97	0.348	1470.0				
STD	1000	1.28	34.737	27.84	30.34	0.379	1471.3				
STD	1100	1.21	34.733	27.84	30.18	0.409	1472.7				
STD	1200	1.12	34.731	27.84	29.80	0.439	1474.0				
STD	1300	1.04	34.727	27.84	29.60	0.469	1475.3				
STD	1400	0.95	34.719	27.84	29.50	0.498	1476.6				
STD	1500	0.85	34.711	27.84	29.36	0.528	1477.8				
STD	1750	0.67	34.704	27.85	28.41	0.600	1481.3				
STD	2000	0.49	34.694	27.85	27.47	0.670	1484.7				
STD	2250	0.32	34.687	27.86	26.35	0.737	1488.2				
STD	2500	0.21	34.684	27.86	25.30	0.801	1492.0				
STD	2750	0.12	34.682	27.86	24.33	0.864	1495.9				
STD	3000	0.02	34.683	27.87	23.13	0.923	1499.9				
STD	3250	-0.08	34.677	27.87	22.09	0.979	1503.8				
STD	3500	-0.16	34.678	27.88	20.80	1.033	1507.8				
STD	3750	-0.27	34.676	27.88	19.31	1.083	1511.8				
STD	4000	-0.32	34.680	27.88	18.05	1.130	1516.0				
STD	4199	-0.34	34.664	27.87	18.68	1.166	1519.4				
PING	0										

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1090	0		10	2	69	23.1	6159.2S	12651.1E	539	4334	2.0	1.4	237	213	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	3	1.90	33.849	27.08			1456.3	761	100	242	21
OBS	25	1.92	33.854	27.08			1456.8	749	94	250	22
OBS	51	1.66	33.874	27.12			1456.1	759	178	237	21
OBS	75	-1.08	34.140	27.48			1444.3	715	158	283	39
OBS	99	-0.12	34.329	27.59			1449.5	576	198	316	57
OBS	123	0.49	34.434	27.64			1452.8	528	212	328	67
OBS	147	1.10	34.527	27.68			1456.0	465		335	74
OBS	195	1.36	34.592	27.71			1458.1	450	212	328	78
OBS	243	1.54	34.639	27.74			1459.7	435	212	253	66
OBS	292	1.60	34.666	27.76			1460.9	433	176	292	59
OBS	388	1.60	34.699	27.78			1462.5	447	190	319	84
OBS	582	1.59	34.736	27.81			1465.7		180	309	87
OBS	689	1.52	34.742	27.82			1467.2	462	244	307	90
OBS	1076	1.25	34.741	27.84			1472.4	473	186	297	87
OBS	1466	0.93	34.727	27.85			1477.6	477	224	291	102
OBS	1952	0.59	34.709	27.86			1484.3	491	214	297	109
OBS	2443	0.30	34.695	27.86			1491.4	505	232	319	124
OBS	2927	0.12	34.687	27.87			1498.9	530	234	323	127
OBS	3414	-0.05	34.681	27.87			1506.7	528	222	319	134
OBS	3802	-0.13	34.682	27.88			1513.1	563	220	320	132
OBS	4086	-0.22	34.681	27.88			1517.8	560	222	322	125
OBS	4240	-0.29	34.682	27.88			1520.2	566	234	310	128
OBS	4322	-0.29	34.683	27.89			1521.7	570	218	319	129
ISL	0	1.90	33.849	27.08	99.02	0.000	1456.2				
ISL	10	1.95	33.848	27.08	99.46	0.010	1456.6				
ISL	20	1.94	33.851	27.08	99.19	0.020	1456.8				
ISL	30	1.90	33.856	27.09	98.53	0.030	1456.7				
ISL	50	1.71	33.869	27.11	96.37	0.049	1456.3				
ISL	75	-1.08	34.140	27.48	60.87	0.069	1444.3				
ISL	100	-0.09	34.335	27.60	50.14	0.083	1449.6				
ISL	125	0.54	34.442	27.65	45.41	0.095	1453.0				
ISL	150	1.15	34.536	27.68	42.21	0.106	1456.3				
ISL	200	1.38	34.598	27.72	39.29	0.126	1458.3				
ISL	250	1.55	34.644	27.74	37.24	0.145	1459.9				
ISL	300	1.60	34.670	27.76	35.85	0.163	1461.0				
ISL	400	1.60	34.702	27.79	33.75	0.198	1462.7				
ISL	500	1.60	34.725	27.80	32.38	0.231	1464.4				
ISL	600	1.58	34.738	27.82	31.67	0.263	1466.0				
ISL	700	1.51	34.742	27.82	31.09	0.295	1467.3				
ISL	800	1.45	34.745	27.83	30.60	0.326	1468.7				
ISL	900	1.38	34.745	27.84	30.34	0.356	1470.1				
ISL	1000	1.31	34.743	27.84	30.17	0.386	1471.4				
ISL	1100	1.23	34.740	27.84	29.93	0.416	1472.8				
ISL	1200	1.15	34.737	27.85	29.71	0.446	1474.1				
ISL	1300	1.06	34.733	27.85	29.40	0.476	1475.4				
ISL	1400	0.98	34.729	27.85	29.05	0.505	1476.7				
ISL	1500	0.90	34.726	27.85	28.77	0.534	1478.0				
ISL	1750	0.72	34.717	27.86	28.03	0.605	1481.4				
ISL	2000	0.56	34.707	27.86	27.26	0.674	1484.9				
ISL	2250	0.40	34.700	27.86	26.27	0.741	1488.5				
ISL	2500	0.27	34.694	27.87	25.33	0.805	1492.2				
ISL	2750	0.18	34.689	27.87	24.65	0.868	1496.1				
ISL	3000	0.09	34.686	27.87	23.75	0.928	1500.1				
ISL	3250	0.00	34.682	27.87	22.82	0.987	1504.0				
ISL	3500	-0.07	34.681	27.87	21.79	1.042	1508.1				
ISL	3750	-0.12	34.682	27.88	20.96	1.096	1512.3				
ISL	4000	-0.19	34.681	27.88	19.84	1.147	1516.4				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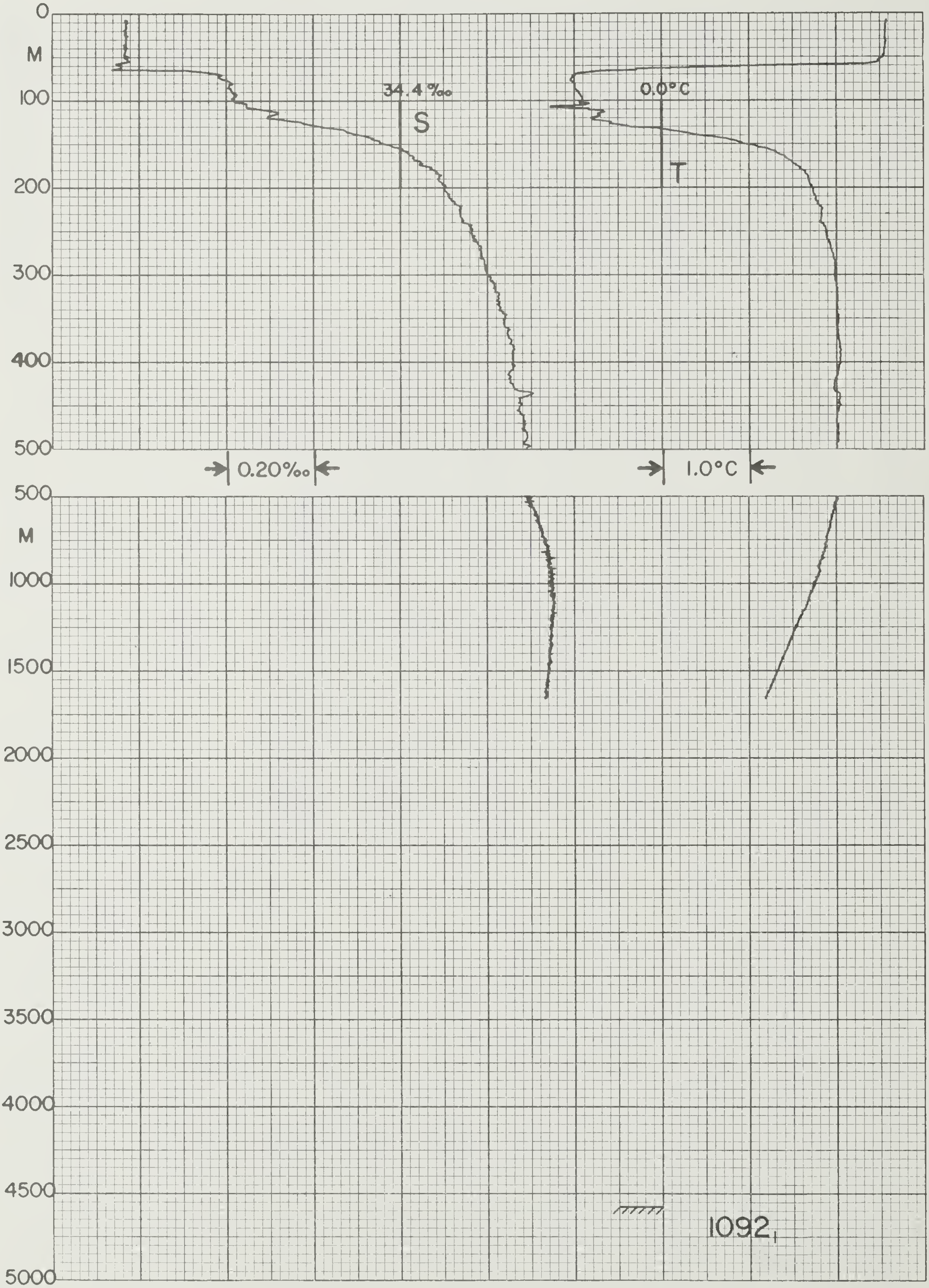
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1091	1	1	11	2	69	20.6	6059.0S	12624.0E	539	4471	3.9	3.0	345	334	10

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS1	12	2.61	33.764	26.96				745	56	229	4
OBS1	389	2.05	34.651	27.71				417	242	339	88
OBS1	779	1.87	34.737	27.79				446	210	313	94
OBS1	1167	1.57	34.753	27.83				466	200	311	101
OBS1	1654	1.16	34.736	27.84				478	194	295	111
OBS1	2142	0.77	34.715	27.85				489	218	324	126
OBS1	3146	0.20	34.688	27.86				518	216	314	141Q
OBS1	3244	0.16	34.688	27.87				518	234	325	145Q
OBS1	3343	0.16	34.687	27.87				523	224	325	141Q
OBS1	3708	0.02	34.683	27.87				528	226	326	145Q
STD	0	2.61	33.752	26.95	111.75	0.000	1459.2				
STD	10	2.61	33.752	26.95	111.79	0.011	1459.4				
STD	20	2.62	33.745	26.94	112.43	0.022	1459.6				
STD	30	2.61	33.743	26.94	112.49	0.034	1459.7				
STD	50	2.59	33.735	26.93	113.11	0.056	1459.9				
STD	75	-1.15	33.937	27.32	76.12	0.080	1443.7				
STD	100	-1.13	34.018	27.38	69.92	0.098	1444.4				
STD	125	-0.35	34.132	27.44	64.33	0.115	1448.5				
STD	150	0.78	34.300	27.52	57.66	0.130	1454.3				
STD	200	1.75	34.476	27.59	51.25	0.157	1459.8				
STD	250	1.92	34.542	27.63	47.77	0.182	1461.4				
STD	300	1.98	34.583	27.66	45.39	0.205	1462.6				
STD	400	2.02	34.649	27.71	41.22	0.249	1464.5				
STD	500	2.02	34.683	27.74	39.11	0.289	1466.2				
STD	600	1.98	34.711	27.76	37.12	0.327	1467.7				
STD	700	1.93	34.722	27.78	36.26	0.364	1469.2				
STD	800	1.84	34.731	27.79	35.23	0.399	1470.5				
STD	900	1.78	34.740	27.80	34.39	0.434	1471.9				
STD	1000	1.70	34.742	27.81	33.90	0.468	1473.2				
STD	1100	1.60	34.744	27.82	33.18	0.502	1474.5				
STD	1200	1.52	34.743	27.82	32.76	0.535	1475.7				
STD	1300	1.44	34.741	27.83	32.52	0.568	1477.1				
STD	1400	1.36	34.739	27.83	32.13	0.600	1478.4				
STD	1500	1.28	34.736	27.84	31.71	0.632	1479.7				
STD	1750	1.09	34.726	27.84	31.10	0.710	1483.1				
STD	1984	0.90	34.718	27.85	30.16	0.782	1486.3				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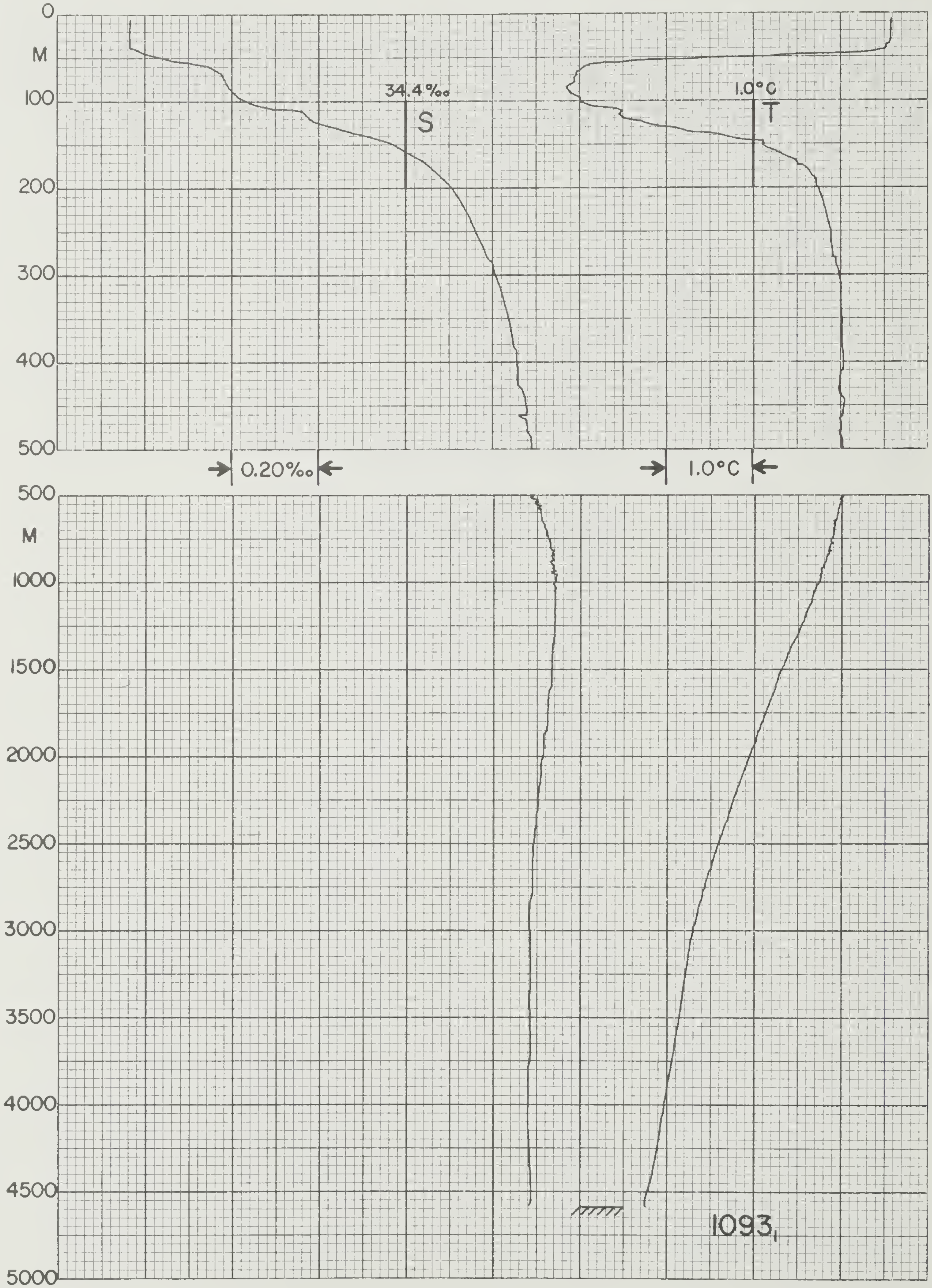
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1092	1	1	13	2	69	1.1	6002.8S	12602.0E	539	4573	4.3	0.4	56	55	0

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
STD	0	2.58	33.769	26.96	110.19	0.000	1459.1				
STD	10	2.57	33.772	26.97	109.98	0.011	1459.3				
STD	20	2.57	33.767	26.96	110.38	0.022	1459.4				
STD	30	2.57	33.771	26.97	110.14	0.033	1459.6				
STD	50	2.54	33.772	26.97	109.88	0.055	1459.8				
STD	75	-1.03	33.986	27.35	72.84	0.078	1444.4				
STD	100	-0.90	34.018	27.38	70.73	0.096	1445.4				
STD	125	-0.62	34.160	27.48	60.95	0.112	1447.3				
STD	150	0.93	34.358	27.56	54.22	0.127	1455.1				
STD	200	1.72	34.505	27.62	48.84	0.152	1459.7				
STD	250	1.89	34.564	27.65	45.85	0.176	1461.3				
STD	300	1.98	34.599	27.67	44.16	0.199	1462.6				
STD	400	2.04	34.658	27.72	40.67	0.241	1464.6				
STD	500	1.99	34.688	27.74	38.52	0.281	1466.1				
STD	600	1.96	34.710	27.76	37.07	0.318	1467.6				
STD	700	1.91	34.724	27.78	35.93	0.355	1469.1				
STD	800	1.87	34.736	27.79	35.13	0.390	1470.6				
STD	900	1.80	34.738	27.80	34.70	0.425	1472.0				
STD	1000	1.75	34.750	27.81	33.76	0.460	1473.4				
STD	1100	1.68	34.749	27.82	33.58	0.493	1474.8				
STD	1200	1.57	34.745	27.82	33.18	0.527	1476.0				
STD	1300	1.49	34.745	27.83	32.70	0.560	1477.3				
STD	1400	1.40	34.741	27.83	32.38	0.592	1478.6				
STD	1500	1.32	34.739	27.83	32.08	0.624	1480.0				
STD	1664	1.18	34.730	27.84	31.50	0.676	1482.1				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CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1093	1	3	13	2	69	4.3	6003.0S	12601.2E	539	4569	4.0	3.9	55	55	10

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS1	600	1.96	34.710	27.76				426	222	324	90
OBS1	904	1.80	34.748	27.81				461	198	313	94
OBS1	1303	1.49	34.751	27.83					220	313	105
OBS1	1807	1.07	34.723	27.84				473	200	323	111
OBS1	2308	0.68	34.710	27.85				496	250	330	132
OBS1	2810	0.38	34.695	27.86				520	208	315	134
OBS1	3325	0.19	34.686	27.86				516	216	322	142Q
OBS1	3800	0.03	34.681	27.87				540	226	328	145Q
OBS1	4192	-0.10	34.682	27.88				556	160	301	116
OBS1	4490	-0.23	34.683	27.88				578	234	325	136
STD	0	2.58	33.768	26.96	110.36	0.000	1459.1				
STD	10	2.58	33.767	26.96	110.44	0.011	1459.3				
STD	20	2.58	33.766	26.96	110.58	0.022	1459.5				
STD	30	2.58	33.766	26.96	110.57	0.033	1459.6				
STD	50	1.17	33.832	27.12	95.49	0.054	1453.8				
STD	75	-1.06	33.984	27.35	72.86	0.075	1444.2				
STD	100	-0.98	34.033	27.39	69.33	0.093	1445.1				
STD	125	-0.26	34.198	27.49	59.71	0.109	1449.1				
STD	150	1.12	34.372	27.55	54.41	0.123	1456.0				
STD	200	1.74	34.507	27.62	48.77	0.149	1459.7				
STD	250	1.89	34.563	27.65	45.99	0.172	1461.3				
STD	300	1.99	34.607	27.68	43.59	0.195	1462.6				
STD	400	2.04	34.658	27.72	40.70	0.237	1464.6				
STD	500	2.02	34.691	27.74	38.52	0.277	1466.2				
STD	600	1.96	34.708	27.76	37.13	0.314	1467.6				
STD	700	1.91	34.721	27.78	36.18	0.351	1469.1				
STD	800	1.86	34.730	27.79	35.51	0.387	1470.5				
STD	900	1.80	34.736	27.80	34.90	0.422	1472.0				
STD	1000	1.74	34.743	27.81	34.22	0.457	1473.4				
STD	1100	1.66	34.742	27.81	33.87	0.491	1474.7				
STD	1200	1.58	34.742	27.82	33.44	0.524	1476.0				
STD	1300	1.49	34.740	27.82	33.10	0.558	1477.3				
STD	1400	1.40	34.735	27.83	32.81	0.591	1478.6				
STD	1500	1.31	34.734	27.83	32.29	0.623	1479.9				
STD	1750	1.12	34.724	27.84	31.64	0.703	1483.3				
STD	2000	0.94	34.713	27.84	30.90	0.781	1486.7				
STD	2250	0.75	34.702	27.84	30.06	0.857	1490.2				
STD	2500	0.58	34.692	27.85	29.10	0.931	1493.7				
STD	2750	0.43	34.689	27.85	27.59	1.002	1497.3				
STD	3000	0.29	34.683	27.86	26.39	1.070	1501.1				
STD	3250	0.20	34.685	27.86	25.20	1.134	1505.1				
STD	3500	0.13	34.684	27.86	24.33	1.196	1509.1				
STD	3750	0.05	34.683	27.87	23.11	1.255	1513.2				
STD	4000	-0.05	34.679	27.87	22.04	1.312	1517.2				
STD	4250	-0.12	34.681	27.88	20.56	1.365	1521.3				
STD	4500	-0.24	34.686	27.89	18.35	1.414	1525.3				
STD	4586	-0.27	34.681	27.88	18.19	1.429	1526.7				
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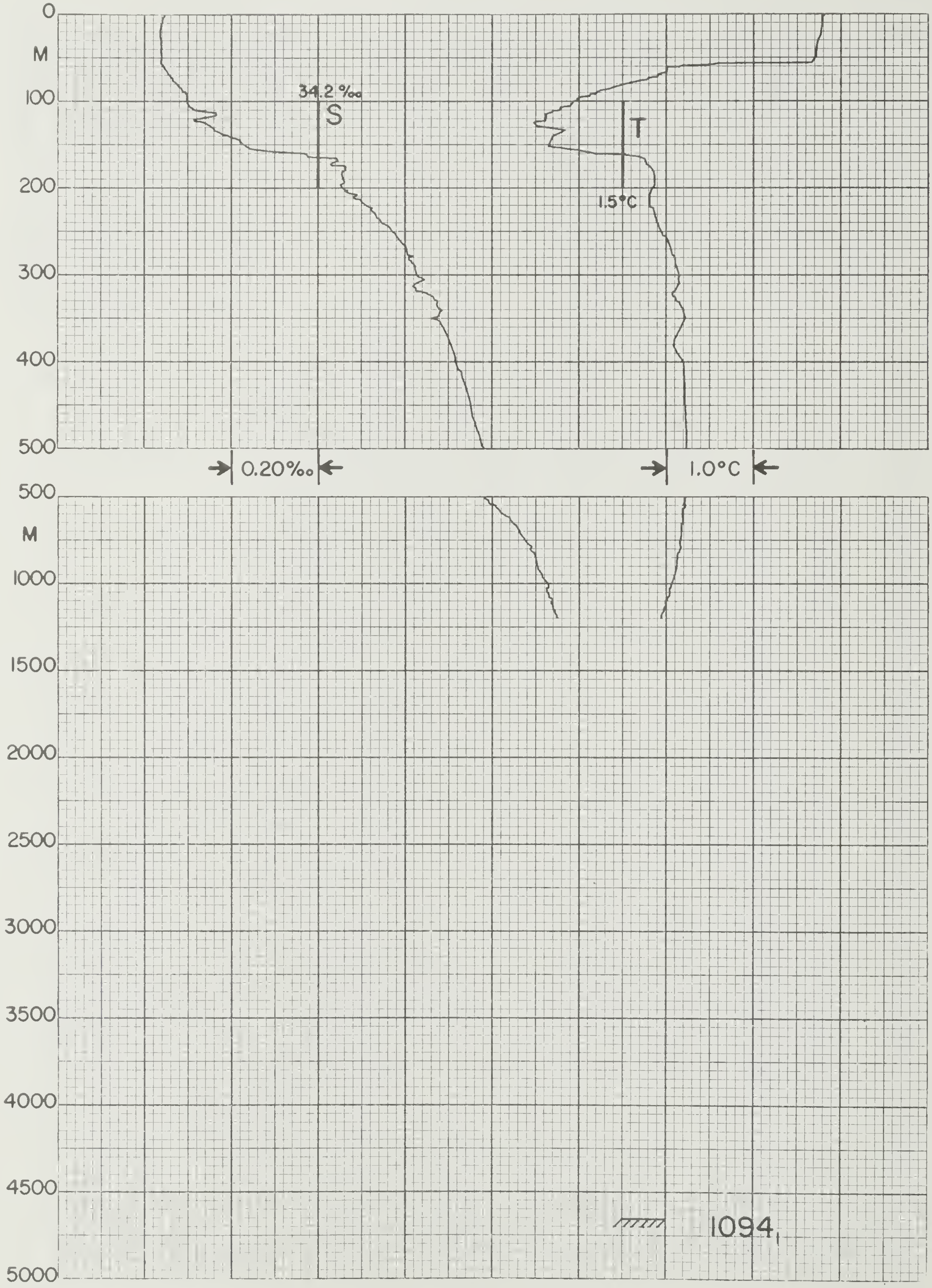
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CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1094	1	3	13	2	69	19.9	5800.0S	12535.0E	503	4652	4.2	4.0	84	33	1

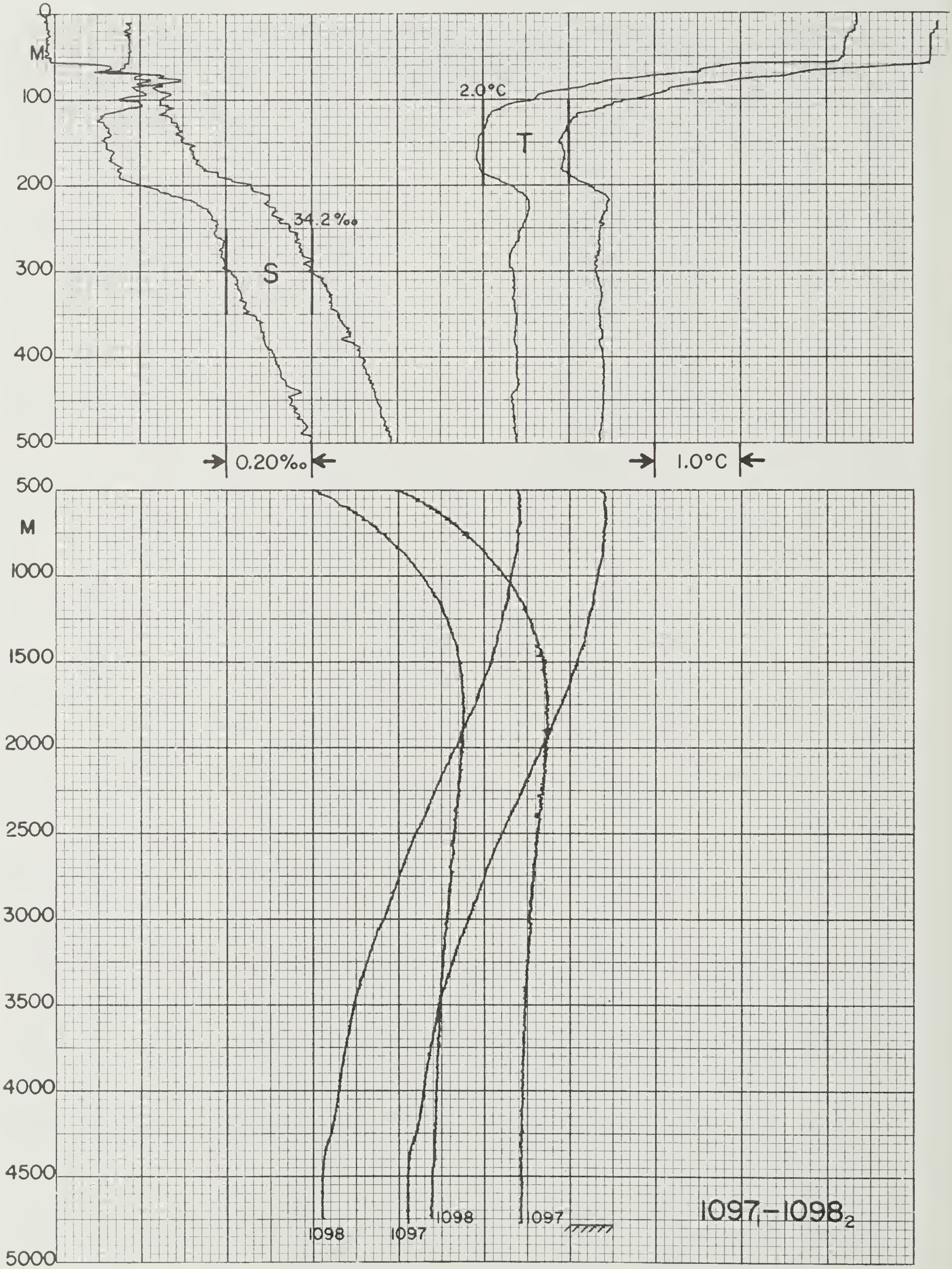
TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	911	2.09	34.715	27.76				434			
STD	0	3.80	33.847	26.91	114.95	0.000	1464.5				
STD	10	3.78	33.841	26.91	115.23	0.012	1464.5				
STD	20	3.76	33.836	26.91	115.56	0.023	1464.6				
STD	30	3.73	33.839	26.91	115.18	0.035	1464.7				
STD	50	3.70	33.840	26.92	114.89	0.058	1464.8				
STD	75	1.78	33.866	27.10	97.14	0.084	1457.0				
STD	100	0.95	33.900	27.19	89.05	0.107	1453.7				
STD	125	0.48	33.937	27.25	83.40	0.129	1452.1				
STD	150	0.65	34.029	27.31	77.43	0.149	1453.4				
STD	200	1.84	34.256	27.41	68.51	0.186	1459.8				
STD	250	1.94	34.370	27.49	60.86	0.218	1461.3				
STD	300	2.14	34.427	27.52	58.47	0.248	1463.1				
STD	400	2.19	34.516	27.59	52.69	0.303	1465.1				
STD	500	2.22	34.581	27.64	48.54	0.354	1466.9				
STD	600	2.18	34.622	27.68	45.53	0.401	1468.4				
STD	700	2.16	34.661	27.71	43.01	0.445	1470.1				
STD	800	2.15	34.687	27.73	41.48	0.487	1471.8				
STD	900	2.11	34.702	27.75	40.38	0.528	1473.3				
STD	1000	2.05	34.726	27.77	38.48	0.568	1474.7				
STD	1100	2.00	34.737	27.78	37.62	0.606	1476.2				
STD	1200	1.94	34.748	27.80	36.60	0.643	1477.6				
STD	1200	1.94	34.749	27.80	36.50	0.643	1477.6				
COM2	169	7.49	34.397	26.90				629	92	159	
COM2	708	3.78	34.306	27.28				508	228	276	

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1095	0		13	2	69	21.5	5800.0S	12535.0E	503	4658	4.4	4.3	94	33	16

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	4.00	33.844	26.89			1465.3	735	112		
OBS	242		34.341					481	218		
OBS	486		34.570					410	236		
OBS	682	2.17	34.660	27.71			1469.8	407	220	333	84
OBS	984	2.02	34.728	27.77			1474.3	434			
OBS	1075	2.01	34.738	27.78			1475.8	441	184	317	83
OBS	1470	1.69	34.754	27.82			1481.0	455	192	309	98
OBS	2064	1.18	34.736	27.84			1488.8	469	134	315	108
OBS	2659	0.70	34.708	27.85			1496.9	487	210	320	134
OBS	3006	0.47	34.696	27.86			1501.9	500			
OBS	3157	0.39	34.697	27.86			1504.1	495	210	322	131
OBS	3655	0.21	34.686	27.86			1512.1	518		322	
OBS	4012	0.09	34.680	27.86			1517.8	530			
OBS	4153	0.03	34.683	27.87			1520.1	531	228	327	145Q
OBS	4542	-0.10	34.677	27.87			1526.4	545	210	324	
OBS	4669	-0.15	34.680	27.88			1528.5	555			
ISL	0	4.00	33.844	26.89	117.08	0.000	1465.3				
ISL	10	3.96	33.867	26.91	115.08	0.012	1465.3				
ISL	20	3.92	33.892	26.94	112.88	0.023	1465.4				
ISL	30	3.88	33.917	26.96	110.70	0.034	1465.4				
ISL	50	3.80	33.965	27.01	106.47	0.056	1465.4				
ISL	75	3.70	34.023	27.06	101.40	0.082	1465.5				
ISL	100	3.61	34.078	27.12	96.52	0.107	1465.6				
ISL	125	3.52	34.131	27.17	91.89	0.130	1465.7				
ISL	150	3.43	34.180	27.21	87.50	0.153	1465.8				
ISL	200	3.26	34.272	27.30	79.39	0.194	1466.0				
ISL	250	3.10	34.353	27.38	72.19	0.232	1466.3				
ISL	300	2.95	34.416	27.45	66.38	0.267	1466.5				
ISL	400	2.68	34.513	27.55	57.26	0.329	1467.2				
ISL	500	2.46	34.579	27.62	50.91	0.383	1467.9				
ISL	600	2.28	34.632	27.68	45.82	0.431	1468.9				
ISL	700	2.15	34.666	27.71	42.52	0.475	1470.0				
ISL	800	2.07	34.696	27.74	40.01	0.517	1471.4				
ISL	900	2.04	34.715	27.76	38.83	0.556	1473.0				
ISL	1000	2.02	34.730	27.78	37.88	0.594	1474.5				
ISL	1100	2.00	34.740	27.79	37.43	0.632	1476.1				
ISL	1200	1.92	34.748	27.80	36.45	0.669	1477.5				
ISL	1300	1.83	34.752	27.81	35.67	0.705	1478.8				
ISL	1400	1.75	34.754	27.82	35.04	0.740	1480.1				
ISL	1500	1.66	34.754	27.82	34.51	0.775	1481.4				
ISL	1750	1.45	34.749	27.83	33.43	0.860	1484.7				
ISL	2000	1.23	34.738	27.84	32.42	0.942	1488.0				
ISL	2250	1.02	34.728	27.85	31.33	1.022	1491.3				
ISL	2500	0.82	34.715	27.85	30.26	1.099	1494.7				
ISL	2750	0.63	34.704	27.85	29.08	1.173	1498.2				
ISL	3000	0.47	34.696	27.86	27.84	1.244	1501.8				
ISL	3250	0.35	34.695	27.86	26.45	1.312	1505.6				
ISL	3500	0.26	34.689	27.86	25.76	1.377	1509.6				
ISL	3750	0.18	34.684	27.86	24.94	1.441	1513.6				
ISL	4000	0.09	34.680	27.86	24.00	1.502	1517.6				
ISL	4500	-0.08	34.677	27.87	21.31	1.615	1525.7				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1096	0		15	2	69	4.5	5604.4S	12455.5E	503	4694	4.8	1.5	295	304	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	4.39	33.825	26.83			1466.9	724	148		
OBS	50	4.26	33.832	26.85			1467.2	724	132		
OBS	75	1.86	33.900	27.12			1457.4	763	196		
OBS	100	0.21	33.941	27.26			1450.4	757	210		
OBS	125	0.01	33.946	27.28			1449.9	766	202		
OBS	150	-0.04	33.950	27.28			1450.1	768			
OBS	175	0.57	34.052	27.33			1453.5	679	224		
OBS	200	1.35	34.192	27.40			1457.6	575	254		
OBS	250	1.72	34.303	27.46			1460.2	503	278		
OBS	300	2.01	34.389	27.50			1462.4	452	284		
OBS	400	2.12	34.491	27.58			1464.7	425	290		
OBS	500	2.19	34.559	27.63			1466.7	417			
OBS	600	2.21	34.618	27.67			1468.6	411	278		
OBS	770	2.16	34.681	27.73			1471.2	425	184		
OBS	1048	2.05	34.737	27.78			1475.5	449	116		
OBS	1431	1.82	34.755	27.81			1480.9	467	202		
OBS	1824	1.41	34.746	27.83			1485.7	487	228		
OBS	2220	1.08	34.730	27.84			1491.0	487	236		
OBS	2719	0.67	34.704	27.85			1497.7	504			
OBS	3220	0.36	34.691	27.86			1505.0	511	224		
OBS	3728	0.19	34.683	27.86			1513.2	532	252		
OBS	4242	0.02	34.682	27.87			1521.5	543	224		
OBS	4632	-0.12	34.680	27.87			1527.9	566	148		
ISL	0	4.39	33.825	26.83	122.37	0.000	1466.9				
ISL	10	4.72	33.817	26.79	126.49	0.012	1468.5				
ISL	20	4.90	33.813	26.77	128.84	0.025	1469.4				
ISL	30	4.88	33.814	26.77	128.66	0.038	1469.5				
ISL	50	4.26	33.832	26.85	120.99	0.063	1467.2				
ISL	75	1.86	33.900	27.12	95.12	0.090	1457.4				
ISL	100	0.21	33.941	27.26	81.65	0.112	1450.4				
ISL	125	0.01	33.946	27.28	80.19	0.132	1449.9				
ISL	150	-0.04	33.950	27.28	79.60	0.152	1450.1				
ISL	200	1.35	34.192	27.40	69.73	0.190	1457.6				
ISL	250	1.72	34.303	27.46	64.19	0.223	1460.2				
ISL	300	2.01	34.389	27.50	60.22	0.254	1462.4				
ISL	400	2.12	34.491	27.58	53.92	0.311	1464.7				
ISL	500	2.19	34.559	27.63	49.91	0.363	1466.7				
ISL	600	2.21	34.618	27.67	46.18	0.411	1468.6				
ISL	700	2.18	34.660	27.71	43.28	0.456	1470.2				
ISL	800	2.15	34.690	27.73	41.22	0.498	1471.7				
ISL	900	2.11	34.713	27.75	39.61	0.539	1473.2				
ISL	1000	2.07	34.731	27.77	38.34	0.578	1474.8				
ISL	1100	2.02	34.743	27.79	37.46	0.616	1476.2				
ISL	1200	1.98	34.752	27.80	36.78	0.653	1477.7				
ISL	1300	1.91	34.754	27.80	36.36	0.689	1479.1				
ISL	1400	1.84	34.755	27.81	36.01	0.725	1480.5				
ISL	1500	1.76	34.755	27.82	35.41	0.761	1481.8				
ISL	1750	1.48	34.748	27.83	33.78	0.848	1484.8				
ISL	2000	1.26	34.740	27.84	32.66	0.931	1488.1				
ISL	2250	1.06	34.729	27.85	31.64	1.011	1491.4				
ISL	2500	0.85	34.716	27.85	30.53	1.089	1494.8				
ISL	2750	0.65	34.703	27.85	29.33	1.164	1498.2				
ISL	3000	0.48	34.695	27.85	27.99	1.235	1501.7				
ISL	3250	0.35	34.690	27.86	26.76	1.304	1505.5				
ISL	3500	0.27	34.686	27.86	26.01	1.370	1509.5				
ISL	3750	0.18	34.683	27.86	25.08	1.434	1513.5				
ISL	4000	0.10	34.683	27.87	23.89	1.495	1517.6				
ISL	4500	-0.07	34.681	27.87	21.26	1.608	1525.7				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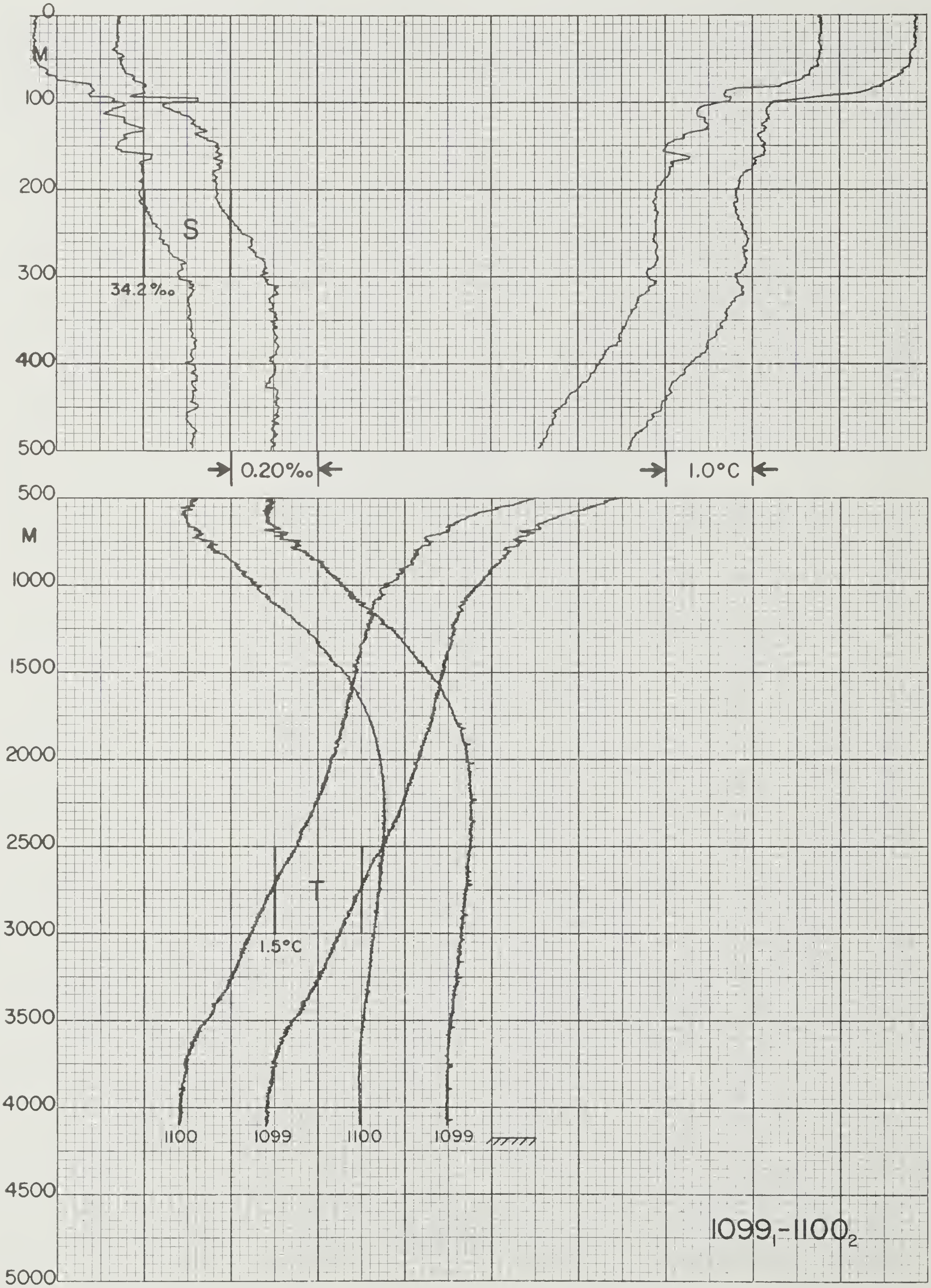
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1097	1	1	16	2	69	4.6	5317.5S	12503.7E	503	4740	6.4	2.7	285	273	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10²·ml/l	PHOS 10²·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	1	6.29	33.794	26.59				689		209	
STD	0	6.30	33.778	26.57	147.20	0.000	1474.7				
STD	10	6.30	33.778	26.57	147.33	0.015	1474.8				
STD	20	6.28	33.765	26.56	148.26	0.030	1474.9				
STD	30	6.21	33.775	26.58	146.76	0.044	1474.8				
STD	50	6.21	33.774	26.58	147.10	0.074	1475.1				
STD	75	4.42	33.787	26.80	126.27	0.108	1468.2				
STD	100	2.82	33.850	27.01	106.57	0.137	1461.9				
STD	125	2.03	33.872	27.09	98.71	0.163	1458.9				
STD	150	1.89	33.897	27.12	95.80	0.187	1458.7				
STD	200	2.22	34.058	27.22	86.40	0.232	1461.2				
STD	250	2.37	34.149	27.28	81.05	0.274	1462.8				
STD	300	2.30	34.196	27.33	77.13	0.314	1463.4				
STD	400	2.38	34.312	27.41	69.68	0.387	1465.6				
STD	500	2.35	34.385	27.47	64.36	0.454	1467.2				
STD	600	2.39	34.464	27.53	59.37	0.516	1469.2				
STD	700	2.41	34.530	27.58	55.15	0.573	1471.0				
STD	800	2.39	34.572	27.62	52.38	0.627	1472.6				
STD	900	2.36	34.609	27.65	49.87	0.678	1474.2				
STD	1000	2.31	34.643	27.68	47.40	0.727	1475.7				
STD	1100	2.27	34.674	27.71	45.17	0.773	1477.3				
STD	1200	2.24	34.697	27.73	43.63	0.818	1478.9				
STD	1300	2.19	34.710	27.75	42.53	0.861	1480.3				
STD	1400	2.14	34.725	27.76	41.46	0.903	1481.8				
STD	1500	2.08	34.736	27.78	40.33	0.944	1483.2				
STD	1750	1.89	34.745	27.80	38.65	1.042	1486.7				
STD	2000	1.65	34.742	27.81	37.05	1.137	1489.9				
STD	2250	1.43	34.734	27.82	35.72	1.228	1493.2				
STD	2500	1.20	34.721	27.83	34.52	1.316	1496.5				
STD	2750	0.99	34.712	27.84	32.94	1.400	1499.8				
STD	3000	0.80	34.704	27.84	31.52	1.481	1503.3				
STD	3250	0.61	34.699	27.85	29.67	1.557	1506.9				
STD	3500	0.46	34.691	27.85	28.28	1.629	1510.5				
STD	3750	0.36	34.689	27.86	27.11	1.699	1514.5				
STD	4000	0.28	34.685	27.86	26.32	1.765	1518.6				
STD	4250	0.20	34.685	27.86	25.09	1.830	1522.7				
STD	4500	0.09	34.682	27.87	23.65	1.891	1526.7				
STD	4750	0.09	34.680	27.86	23.64	1.950	1531.1				
STD	4783	0.10	34.676	27.86	24.22	1.958	1531.8				
PING	0										
COM2	2090	1.54	34.744	27.82				474	222	307	
COM2	2147	1.51	34.738	27.82				475	228	303	
COM2	2423	1.22	34.737	27.84				481	220	312	
COM2	4742	0.09	34.680	27.86				534	198	275	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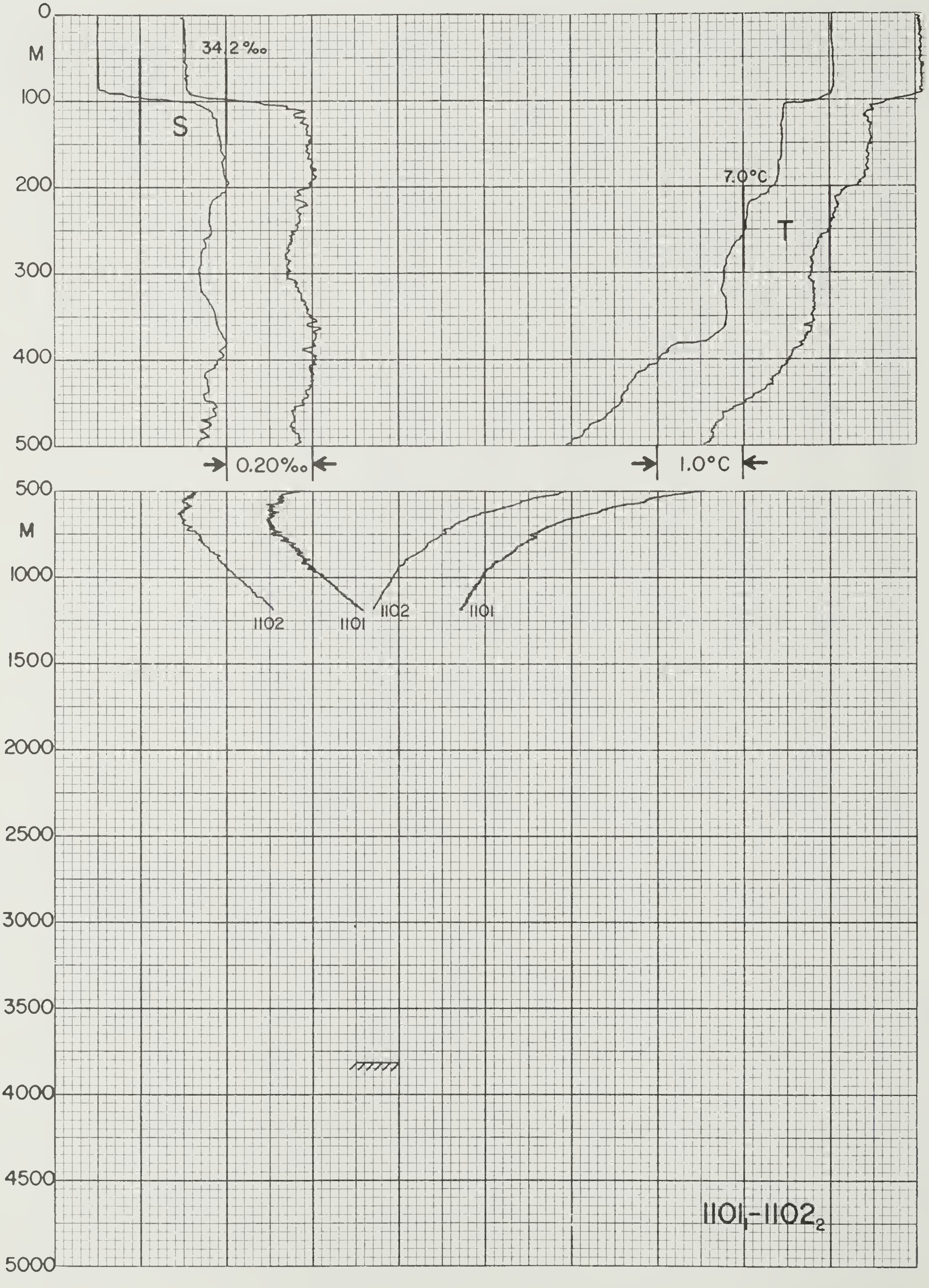
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1099	1	1	17	2	69	3.4	5104.0S	12511.7E	503	4172	9.0	6.6	338	336	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	14	7.93	33.961	26.49				659	100	179	
STD	0	7.87	33.943	26.48	155.56	0.000	1481.0				
STD	10	7.88	33.944	26.48	155.71	0.016	1481.2				
STD	20	7.88	33.941	26.48	156.16	0.031	1481.4				
STD	30	7.88	33.943	26.48	156.15	0.047	1481.6				
STD	50	7.82	33.946	26.49	155.45	0.078	1481.7				
STD	75	7.59	33.978	26.55	150.37	0.116	1481.3				
STD	100	6.27	34.111	26.84	123.37	0.150	1476.6				
STD	125	6.13	34.112	26.86	121.92	0.181	1476.5				
STD	150	6.13	34.171	26.90	117.79	0.211	1477.0				
STD	200	5.83	34.168	26.94	115.06	0.269	1476.6				
STD	250	5.93	34.225	26.97	112.64	0.326	1477.9				
STD	300	5.82	34.271	27.02	108.54	0.381	1478.3				
STD	400	5.30	34.299	27.11	101.23	0.486	1477.9				
STD	500	4.56	34.292	27.19	94.14	0.584	1476.5				
STD	600	3.86	34.277	27.25	88.23	0.675	1475.2				
STD	700	3.31	34.288	27.31	82.31	0.760	1474.5				
STD	800	3.15	34.347	27.37	76.91	0.840	1475.6				
STD	900	3.02	34.407	27.43	71.72	0.914	1476.8				
STD	1000	2.86	34.448	27.48	67.48	0.984	1477.8				
STD	1100	2.68	34.487	27.53	63.40	1.049	1478.8				
STD	1200	2.60	34.540	27.58	59.06	1.111	1480.2				
STD	1300	2.54	34.582	27.61	55.83	1.168	1481.6				
STD	1400	2.47	34.615	27.65	53.25	1.223	1483.1				
STD	1500	2.42	34.648	27.68	50.69	1.275	1484.6				
STD	1750	2.31	34.708	27.73	46.25	1.396	1488.4				
STD	2000	2.14	34.740	27.77	43.03	1.507	1492.0				
STD	2250	1.97	34.751	27.80	41.14	1.613	1495.5				
STD	2500	1.73	34.746	27.81	39.40	1.713	1498.8				
STD	2750	1.47	34.739	27.82	37.37	1.809	1502.0				
STD	3000	1.25	34.727	27.83	35.91	1.901	1505.3				
STD	3250	0.99	34.716	27.84	33.57	1.988	1508.5				
STD	3500	0.71	34.701	27.85	31.07	2.068	1511.6				
STD	3750	0.47	34.694	27.85	28.34	2.143	1515.0				
STD	4000	0.40	34.691	27.86	27.72	2.213	1519.1				
STD	4121	0.38	34.691	27.86	27.54	2.246	1521.2				
COM2	2134	2.07	34.751	27.79				448	184	258	
COM2	4012	0.40	34.692	27.86				503	258	326	
COM2	4085	0.40	34.690	27.85				521	252	320	



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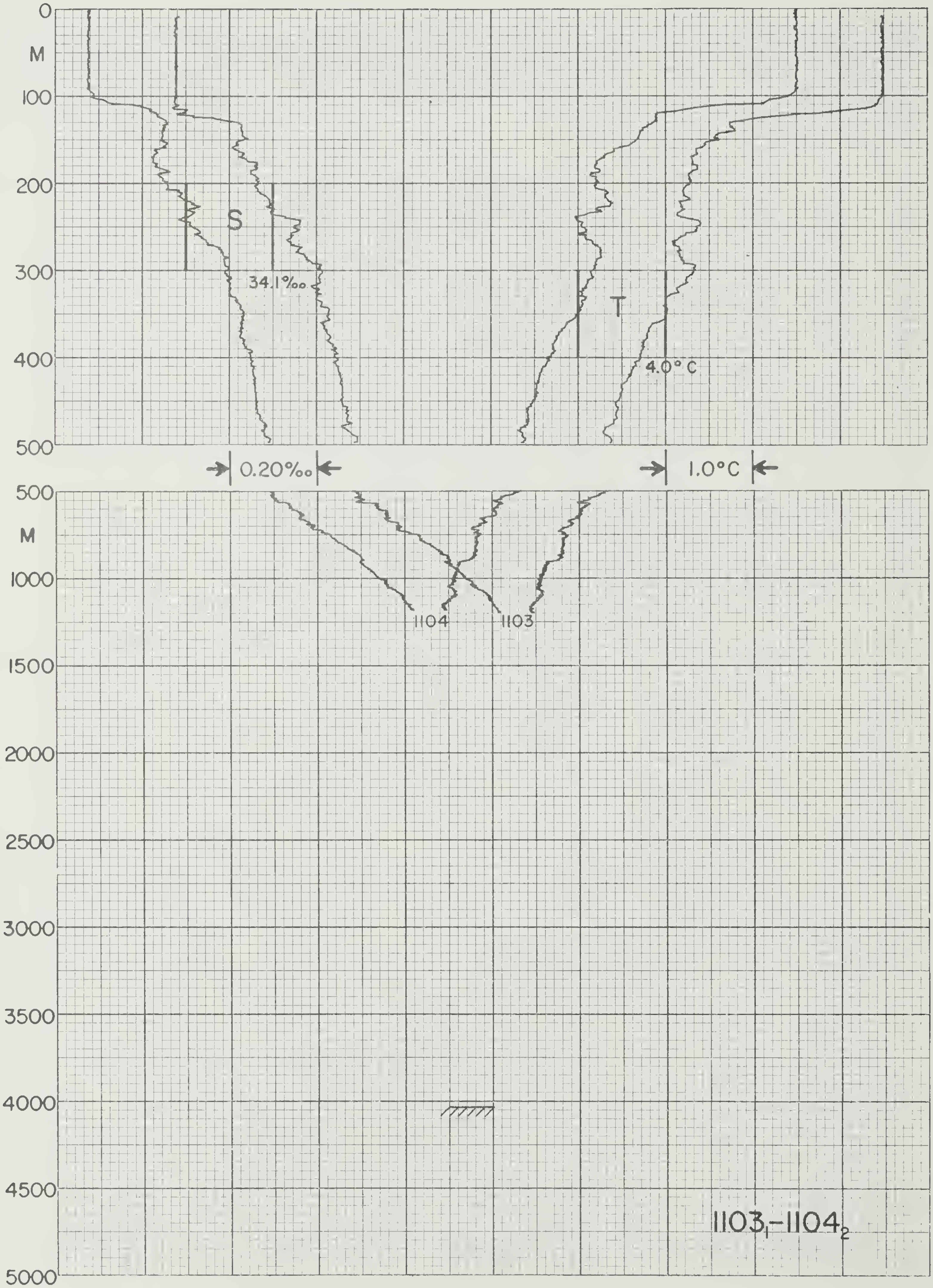
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1101	1	1	18	2	69	14.9	5052.6S	12511.6E	503	3815	6.6	2.1	194	194	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	3	8.04	34.106	26.59				677	74	167	
COM1	1195	2.72	34.518	27.55				414	278	321	
STD	0	8.03	34.097	26.58	146.34	0.000	1481.9				
STD	10	8.06	34.103	26.58	146.40	0.015	1482.1				
STD	20	8.06	34.104	26.58	146.54	0.029	1482.3				
STD	30	8.07	34.105	26.58	146.84	0.044	1482.5				
STD	50	8.08	34.104	26.58	147.31	0.073	1482.9				
STD	75	8.08	34.107	26.58	147.55	0.110	1483.3				
STD	100	7.77	34.227	26.72	134.69	0.146	1482.7				
STD	125	7.45	34.377	26.89	119.52	0.177	1482.0				
STD	150	7.47	34.396	26.90	118.85	0.207	1482.6				
STD	200	7.34	34.395	26.92	117.80	0.266	1482.9				
STD	250	7.00	34.365	26.94	116.30	0.325	1482.3				
STD	300	6.79	34.343	26.95	115.69	0.383	1482.3				
STD	400	6.53	34.407	27.04	109.00	0.495	1483.0				
STD	500	5.54	34.358	27.12	101.04	0.600	1480.6				
STD	600	4.47	34.299	27.20	93.47	0.697	1477.8				
STD	700	3.81	34.299	27.27	86.86	0.788	1476.7				
STD	800	3.48	34.343	27.34	80.78	0.871	1477.0				
STD	900	3.20	34.385	27.40	75.32	0.949	1477.5				
STD	1000	2.96	34.423	27.45	70.42	1.022	1478.2				
STD	1100	2.82	34.466	27.50	66.44	1.091	1479.4				
STD	1195	2.71	34.514	27.55	62.11	1.152	1480.5				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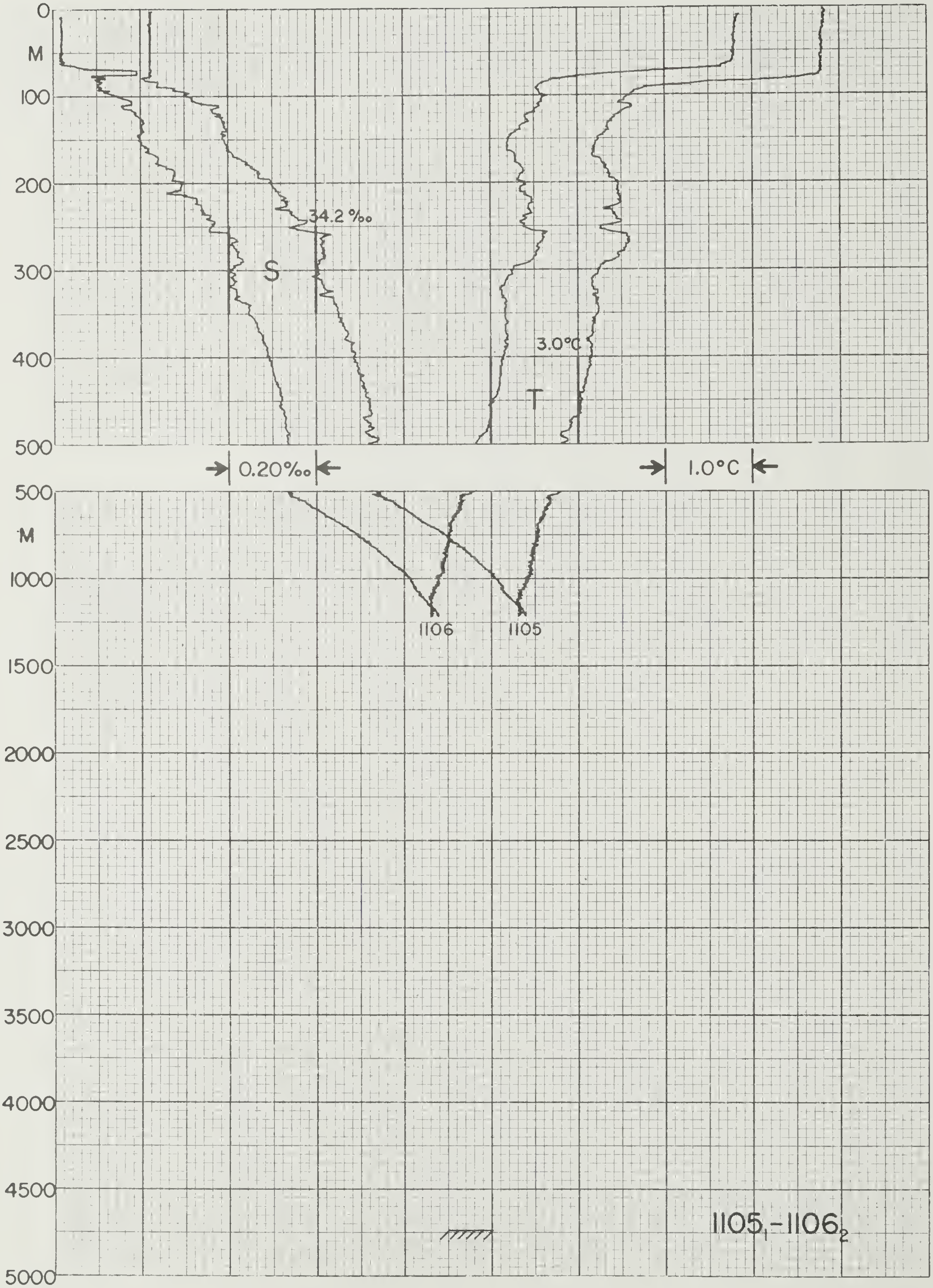
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1103	1	1	18	2	69	20.4	5129.5S	12505.8E	503	4030	6.0	0.4	184	192	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
CCM1	2	6.48						595	144	202	
STD	0	6.48	33.884	26.63	141.53	0.000	1475.5				
STD	10	6.49	33.878	26.63	142.29	0.014	1475.7				
STD	20	6.49	33.877	26.63	142.44	0.028	1475.9				
STD	30	6.49	33.875	26.62	142.80	0.043	1476.0				
STD	50	6.49	33.875	26.62	143.00	0.071	1476.4				
STD	75	6.49	33.878	26.63	143.10	0.107	1476.8				
STD	100	6.48	33.878	26.63	143.33	0.143	1477.2				
STD	125	5.08	33.964	26.87	120.58	0.176	1472.0				
STD	150	4.61	34.034	26.98	110.47	0.205	1470.6				
STD	200	4.28	34.066	27.04	105.01	0.259	1470.1				
STD	250	4.36	34.149	27.09	100.12	0.310	1471.3				
STD	300	4.33	34.213	27.15	95.42	0.359	1472.1				
STD	400	3.71	34.244	27.24	87.50	0.450	1471.2				
STD	500	3.35	34.285	27.31	81.43	0.535	1471.4				
STD	600	3.03	34.335	27.37	75.22	0.613	1471.7				
STD	700	2.90	34.384	27.43	70.79	0.686	1472.9				
STD	800	2.81	34.447	27.48	65.80	0.754	1474.3				
STD	900	2.74	34.502	27.53	61.61	0.818	1475.7				
STD	1000	2.55	34.536	27.58	57.77	0.878	1476.6				
STD	1100	2.56	34.588	27.62	54.47	0.934	1478.4				
STD	1199	2.46	34.615	27.65	51.98	0.987	1479.7				
COM2	654	2.93	34.364	27.41				408	252	299	
COM2	1172	2.44	34.609	27.64				473Q	290	309	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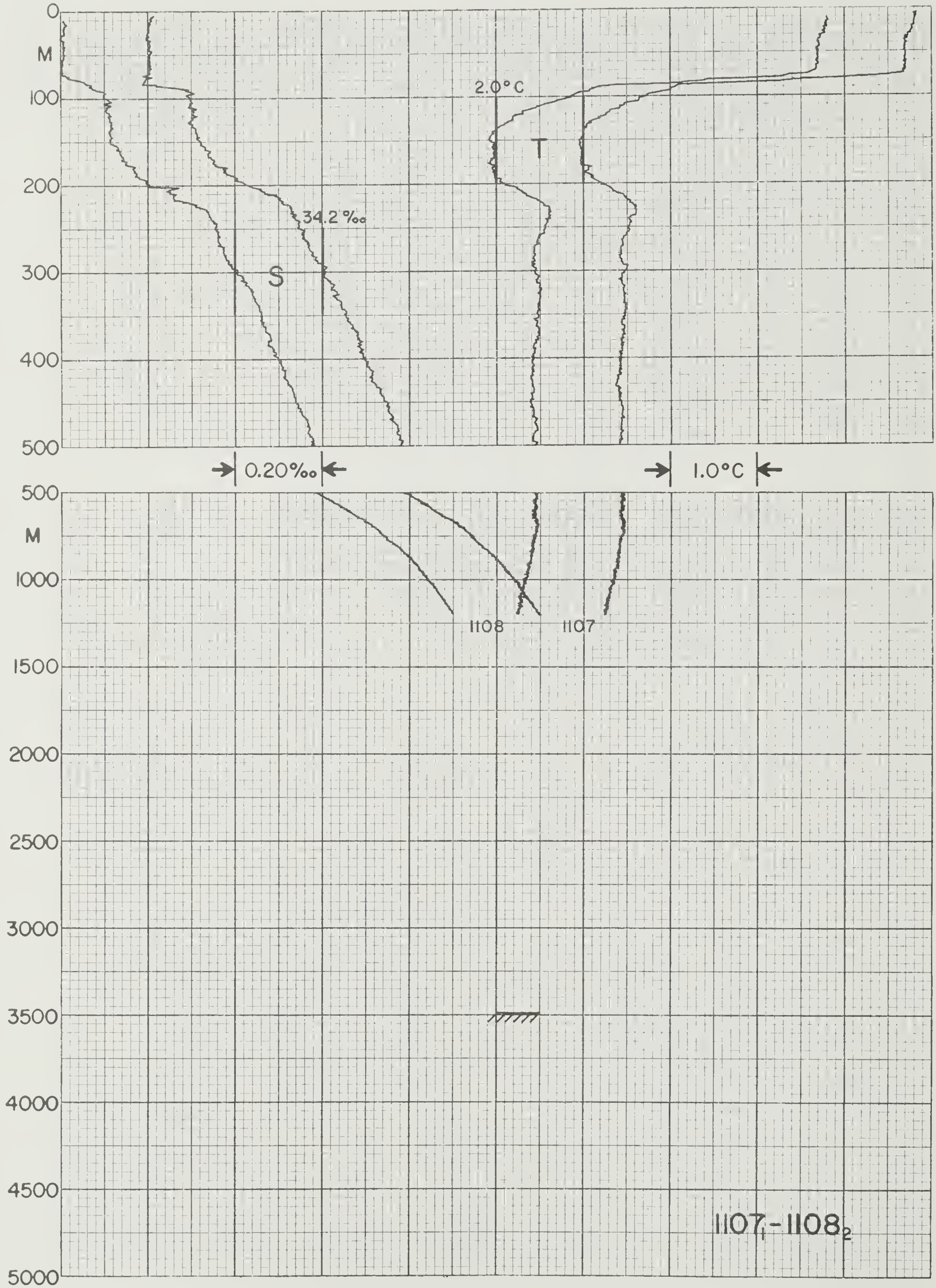
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1105	1	1	19	2	69	2.1	5201.6S	12505.5E	503	4737	5.7	1.2	204	193	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	1	5.82	33.830	26.67				692	106	203	
COM1	1216	2.32	34.681	27.71				417	172	277	
STD	0	5.82	33.826	26.67	137.97	0.000	1472.8				
STD	10	5.82	33.823	26.67	138.22	0.014	1473.0				
STD	20	5.81	33.822	26.67	138.38	0.028	1473.1				
STD	30	5.79	33.823	26.67	138.18	0.041	1473.2				
STD	50	5.80	33.823	26.67	138.50	0.069	1473.5				
STD	75	5.78	33.821	26.67	138.76	0.104	1473.9				
STD	100	3.62	33.906	26.98	109.51	0.135	1465.4				
STD	125	3.43	33.986	27.06	101.95	0.161	1465.1				
STD	150	3.24	33.991	27.08	100.03	0.187	1464.7				
STD	200	3.46	34.098	27.14	94.44	0.235	1466.7				
STD	250	3.28	34.151	27.21	88.99	0.281	1466.8				
STD	300	3.24	34.210	27.25	84.66	0.324	1467.5				
STD	400	3.14	34.287	27.33	78.62	0.406	1468.8				
STD	500	2.81	34.323	27.38	73.31	0.482	1469.1				
STD	600	2.62	34.394	27.46	66.72	0.552	1470.0				
STD	700	2.52	34.457	27.52	61.68	0.616	1471.4				
STD	800	2.50	34.516	27.56	57.65	0.676	1473.0				
STD	900	2.46	34.566	27.61	54.09	0.732	1474.6				
STD	1000	2.40	34.608	27.65	50.83	0.784	1476.1				
STD	1100	2.34	34.637	27.68	48.60	0.834	1477.5				
STD	1200	2.34	34.677	27.71	46.18	0.881	1479.3				
STD	1217	2.30	34.678	27.71	45.70	0.889	1479.4				
COM2	49	5.82	33.822	26.67				683	102	197	
COM2	1201	2.32	34.672	27.70				422	254	307	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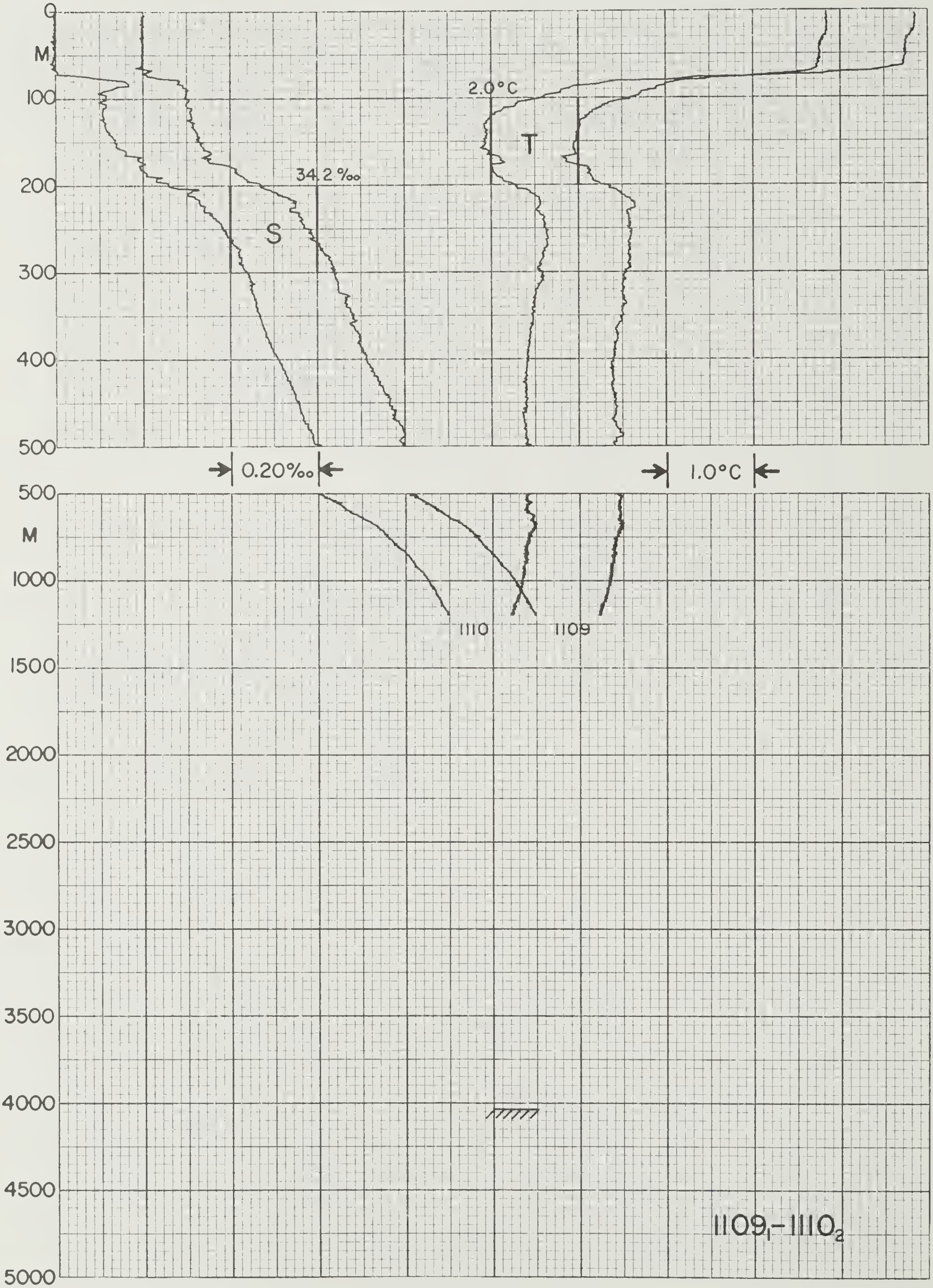
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1107	1	1	19	2	69	6.1	5220.0S	12458.3E	503	3494	5.6	0.4	225	203	3

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	1	5.80	33.817	26.67				700	108	203	
COM1	814	2.37	34.583	27.63				415	248	305	
COM1	1199	2.24	34.698	27.73				418	224	275	
STD	0	5.83	33.813	26.66	138.95	0.000	1472.8				
STD	10	5.81	33.809	26.66	139.25	0.014	1472.9				
STD	20	5.78	33.802	26.66	139.49	0.028	1472.9				
STD	30	5.73	33.798	26.66	139.32	0.042	1472.9				
STD	50	5.70	33.804	26.67	138.71	0.070	1473.1				
STD	75	5.62	33.801	26.68	138.32	0.104	1473.2				
STD	100	2.71	33.898	27.05	102.03	0.134	1461.5				
STD	125	2.18	33.900	27.10	97.76	0.159	1459.6				
STD	150	1.96	33.923	27.14	94.34	0.183	1459.1				
STD	200	2.21	34.030	27.20	88.44	0.229	1461.2				
STD	250	2.52	34.149	27.27	82.31	0.272	1463.5				
STD	300	2.48	34.208	27.32	77.78	0.312	1464.2				
STD	400	2.41	34.295	27.40	71.11	0.386	1465.7				
STD	500	2.41	34.377	27.46	65.53	0.454	1467.4				
STD	600	2.42	34.452	27.52	60.55	0.517	1469.3				
STD	700	2.43	34.520	27.57	56.10	0.576	1471.1				
STD	800	2.40	34.561	27.61	53.24	0.630	1472.7				
STD	900	2.37	34.606	27.65	50.09	0.682	1474.2				
STD	1000	2.32	34.639	27.68	47.70	0.731	1475.8				
STD	1100	2.27	34.663	27.70	45.96	0.778	1477.3				
STD	1200	2.23	34.695	27.73	43.59	0.823	1478.8				
STD	1203	2.23	34.696	27.73	43.49	0.824	1478.9				
COM2	47	5.70	33.809	26.67				694	106	197	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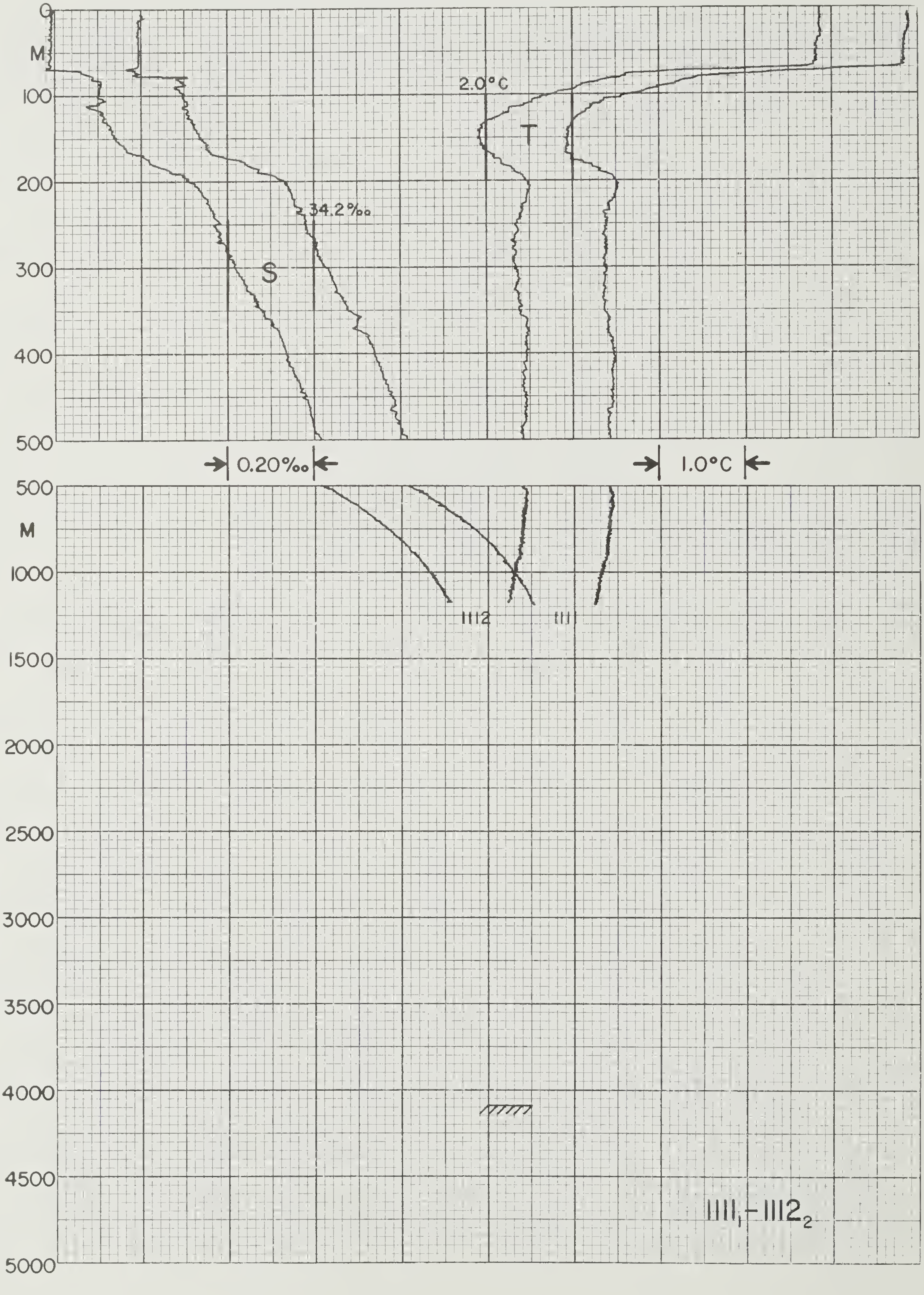
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1109	1	1	19	2	69	9.6	5237.7S	12456.8E	503	4029	5.4	1.1	224	223	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	1	5.85	33.810	26.65				693	88	191	
COM1	1199	2.22	34.707	27.74				437	254	275	
STD	0	5.85	33.804	26.65	139.96	0.000	1472.9				
STD	10	5.85	33.798	26.64	140.49	0.014	1473.1				
STD	20	5.85	33.800	26.65	140.49	0.028	1473.2				
STD	30	5.78	33.795	26.65	140.13	0.042	1473.1				
STD	50	5.75	33.800	26.66	139.67	0.070	1473.3				
STD	75	4.07	33.821	26.86	120.15	0.103	1466.8				
STD	100	2.60	33.901	27.07	100.87	0.130	1461.0				
STD	125	2.03	33.905	27.12	96.23	0.155	1459.0				
STD	150	1.97	33.933	27.14	93.66	0.179	1459.1				
STD	200	2.28	34.075	27.23	85.66	0.223	1461.5				
STD	250	2.58	34.179	27.29	80.56	0.265	1463.8				
STD	300	2.55	34.238	27.34	76.15	0.304	1464.6				
STD	400	2.39	34.313	27.41	69.63	0.377	1465.6				
STD	500	2.40	34.403	27.48	63.47	0.444	1467.5				
STD	600	2.45	34.472	27.53	59.35	0.505	1469.4				
STD	700	2.47	34.544	27.59	54.66	0.562	1471.3				
STD	800	2.41	34.581	27.62	51.88	0.615	1472.7				
STD	900	2.38	34.619	27.66	49.28	0.666	1474.3				
STD	1000	2.34	34.651	27.69	47.06	0.714	1475.9				
STD	1100	2.29	34.674	27.71	45.31	0.760	1477.3				
STD	1199	2.22	34.698	27.73	43.25	0.804	1478.8				
COM2	54	5.77	33.807	26.66				686	84	194	
COM2	880	2.38	34.615	27.65				409	222	303	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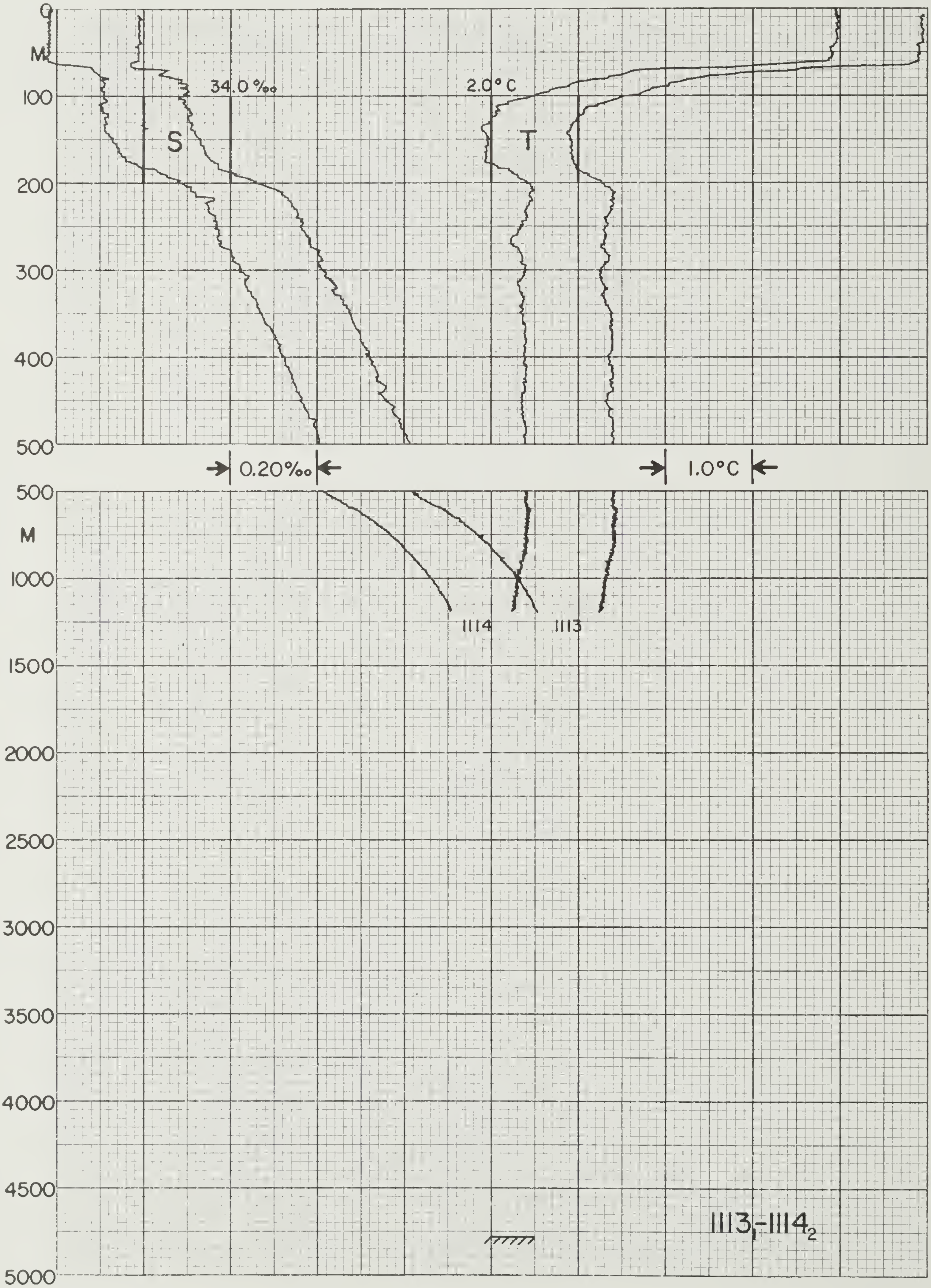
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1111	1	1	19	2	69	13.2	5255.7S	12455.3E	503	4092	5.1	0.0	254	223	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2 \cdot$ ml/l	PHOS $10^2 \cdot$ μgat/l	NITR $10 \cdot$ μgat/l	SILIC μgat/l
COM1	1	5.89	33.804	26.64				693	111	194	
STD	0	5.88	33.799	26.64	140.64	0.000	1473.0				
STD	10	5.88	33.804	26.65	140.36	0.014	1473.2				
STD	20	5.89	33.796	26.64	141.23	0.028	1473.4				
STD	30	5.86	33.792	26.64	141.22	0.042	1473.4				
STD	50	5.84	33.794	26.64	141.07	0.070	1473.6				
STD	75	4.24	33.789	26.82	124.26	0.104	1467.5				
STD	100	2.63	33.897	27.06	101.49	0.132	1461.2				
STD	125	2.06	33.910	27.12	96.04	0.157	1459.1				
STD	150	1.94	33.935	27.15	93.25	0.180	1459.0				
STD	200	2.50	34.133	27.26	83.10	0.224	1462.6				
STD	250	2.38	34.180	27.31	78.81	0.265	1462.9				
STD	300	2.37	34.230	27.35	75.17	0.303	1463.8				
STD	400	2.48	34.340	27.43	68.38	0.375	1466.0				
STD	500	2.41	34.413	27.49	62.80	0.441	1467.5				
STD	600	2.44	34.486	27.55	58.16	0.501	1469.4				
STD	700	2.41	34.541	27.59	54.31	0.557	1471.0				
STD	800	2.37	34.588	27.63	50.96	0.610	1472.6				
STD	900	2.37	34.627	27.67	48.54	0.660	1474.3				
STD	1000	2.29	34.657	27.70	46.11	0.707	1475.7				
STD	1100	2.27	34.687	27.72	44.19	0.752	1477.3				
STD	1193	2.22	34.707	27.74	42.55	0.792	1478.6				
COM2	568	2.44	34.461	27.53				430	205	332	
COM2	695	2.40	34.538	27.59				416	225	328	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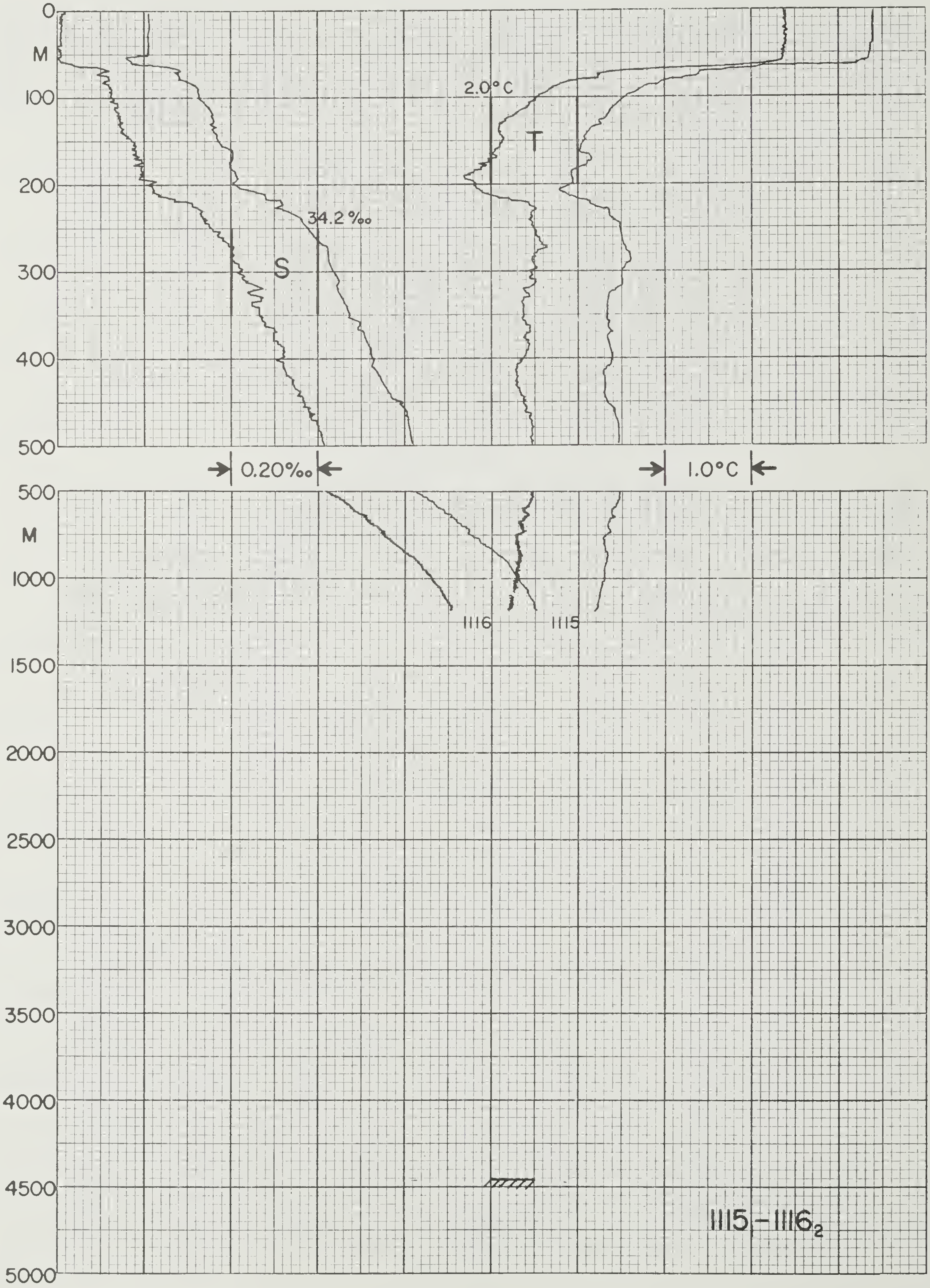
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1113	1	1	19	2	69	16.6	5316.9S	12457.1E	503	4727	4.9	0.9	274	273	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	2	5.92	33.799	26.64				690	105	150	
STD	0	5.94	33.789	26.63	142.11	0.000	1473.2				
STD	10	5.92	33.792	26.63	141.78	0.014	1473.3				
STD	20	5.93	33.791	26.63	142.09	0.028	1473.5				
STD	30	5.94	33.792	26.63	142.32	0.043	1473.7				
STD	50	5.91	33.789	26.63	142.40	0.071	1474.0				
STD	75	3.78	33.837	26.91	116.07	0.103	1465.6				
STD	100	2.56	33.899	27.07	100.70	0.130	1460.8				
STD	125	1.99	33.905	27.12	95.83	0.155	1458.8				
STD	150	1.91	33.933	27.15	93.20	0.179	1458.9				
STD	200	2.27	34.059	27.22	86.81	0.224	1461.5				
STD	250	2.32	34.163	27.30	79.58	0.265	1462.7				
STD	300	2.26	34.213	27.34	75.59	0.304	1463.3				
STD	400	2.34	34.321	27.42	68.65	0.376	1465.4				
STD	500	2.39	34.413	27.49	62.64	0.442	1467.4				
STD	600	2.41	34.482	27.55	58.19	0.502	1469.3				
STD	700	2.39	34.541	27.59	54.16	0.558	1470.9				
STD	800	2.42	34.590	27.63	51.27	0.611	1472.8				
STD	900	2.36	34.623	27.66	48.79	0.661	1474.3				
STD	1000	2.31	34.659	27.70	46.11	0.709	1475.7				
STD	1100	2.29	34.682	27.72	44.69	0.754	1477.3				
STD	1197	2.23	34.705	27.74	42.83	0.796	1478.8				
COM2	796	2.38	34.588	27.63				415	186	291	
COM2	1198	2.24	34.706	27.74				430	109	323	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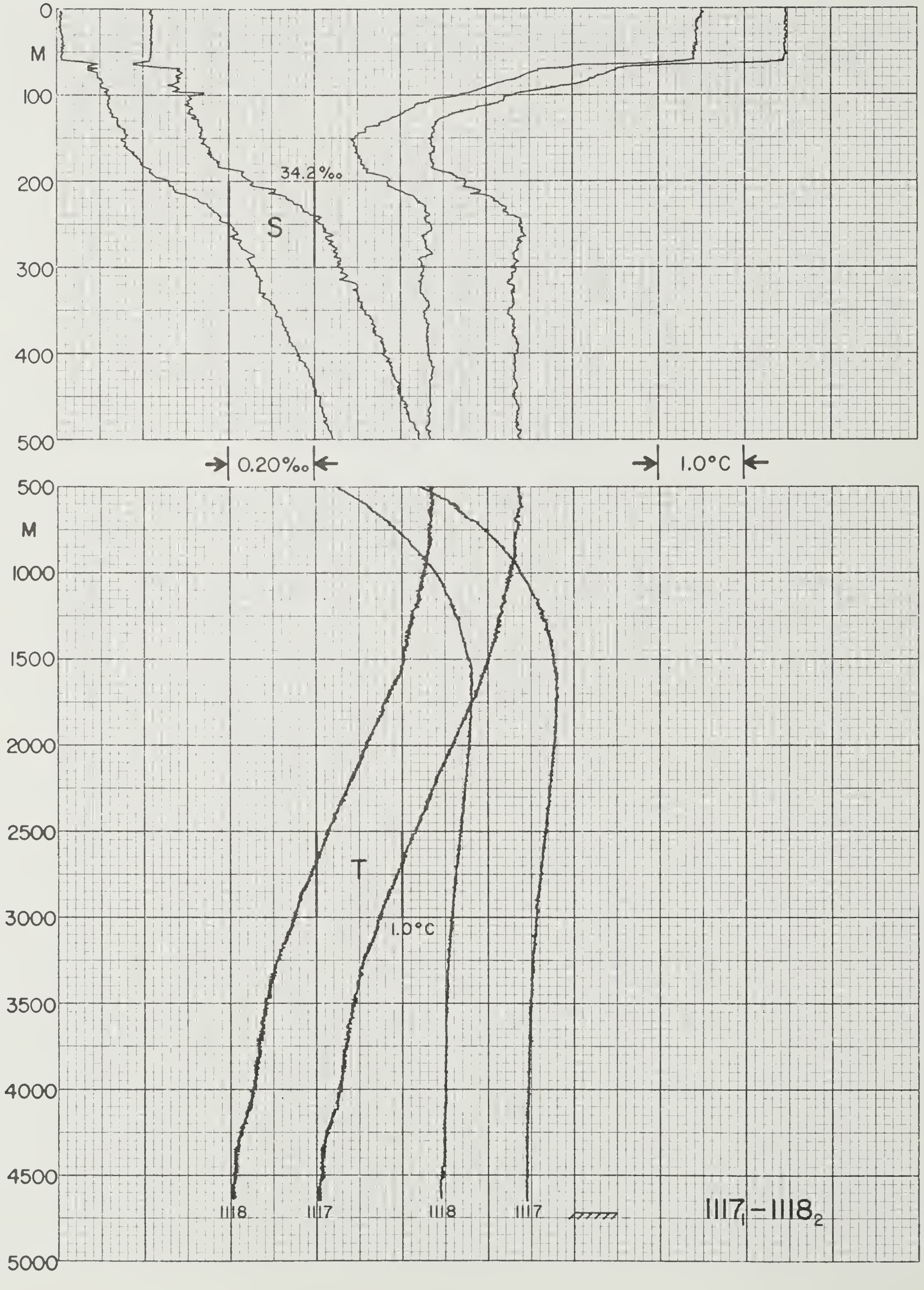
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1115	1	3	19	2	69	19.8	5336.7S	12454.5E	503	4456	5.0	0.0	274	273	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	3	5.38						634	134	228	
STD	0	5.39	33.811	26.71	134.16	0.000	1471.0				
STD	10	5.38	33.811	26.71	134.15	0.013	1471.2				
STD	20	5.38	33.810	26.71	134.31	0.027	1471.3				
STD	30	5.38	33.809	26.71	134.55	0.040	1471.5				
STD	50	5.36	33.811	26.71	134.29	0.067	1471.7				
STD	75	3.37	33.880	26.98	109.06	0.098	1463.9				
STD	100	2.53	33.926	27.09	98.49	0.124	1460.8				
STD	125	2.31	33.960	27.14	94.26	0.148	1460.3				
STD	150	2.07	33.971	27.17	91.59	0.171	1459.6				
STD	200	1.94	34.006	27.20	88.08	0.216	1459.9				
STD	250	2.49	34.177	27.30	79.94	0.258	1463.4				
STD	300	2.50	34.235	27.34	75.94	0.297	1464.4				
STD	400	2.39	34.327	27.42	68.60	0.369	1465.7				
STD	500	2.46	34.418	27.49	62.94	0.435	1467.8				
STD	600	2.39	34.476	27.54	58.47	0.495	1469.2				
STD	700	2.33	34.528	27.59	54.49	0.552	1470.6				
STD	800	2.29	34.572	27.63	51.34	0.605	1472.2				
STD	900	2.31	34.630	27.67	47.71	0.654	1474.0				
STD	1000	2.29	34.660	27.70	45.87	0.701	1475.7				
STD	1100	2.24	34.683	27.72	44.06	0.746	1477.1				
STD	1188	2.18	34.702	27.74	42.44	0.784	1478.4				
COM2	471	2.43	34.385	27.47				472	201	321	
COM2	757	2.29	34.552	27.61				414	199	303	
COM2	1180	2.19	34.706	27.74				437	202	332	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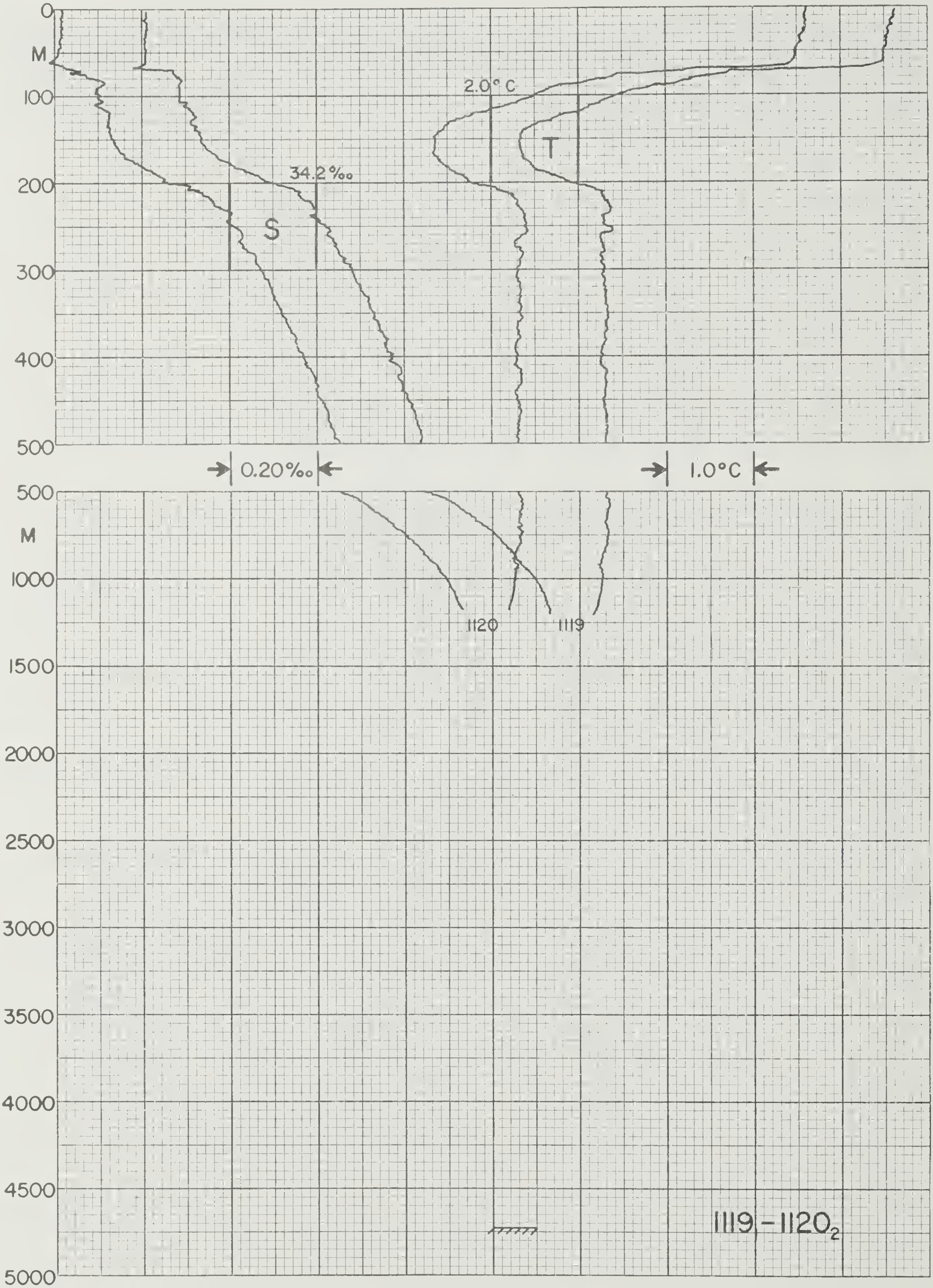
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1117	1	1	19	2	69	23.8	5403.2S	12455.6E	503	4723	5.8	1.4	284	273	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	2	5.48	33.824	26.71				699			
COM1	4657	0.03	34.685	27.87				544			
STD	0	5.48	33.819	26.71	134.54	0.000	1471.4				
STD	10	5.48	33.822	26.71	134.48	0.013	1471.6				
STD	20	5.47	33.822	26.71	134.41	0.027	1471.7				
STD	30	5.49	33.820	26.71	134.94	0.040	1472.0				
STD	50	5.47	33.820	26.71	134.91	0.067	1472.2				
STD	75	3.42	33.891	26.98	108.70	0.098	1464.2				
STD	100	2.33	33.936	27.12	96.07	0.123	1459.9				
STD	125	1.57	33.922	27.16	91.48	0.147	1457.0				
STD	150	1.37	33.933	27.19	89.32	0.169	1456.5				
STD	200	1.76	34.047	27.25	83.65	0.213	1459.2				
STD	250	2.40	34.211	27.33	76.66	0.253	1463.1				
STD	300	2.30	34.255	27.37	72.74	0.290	1463.5				
STD	400	2.36	34.363	27.45	65.66	0.359	1465.6				
STD	500	2.38	34.442	27.52	60.38	0.422	1467.4				
STD	600	2.37	34.511	27.57	55.67	0.480	1469.1				
STD	700	2.33	34.564	27.62	51.81	0.534	1470.7				
STD	800	2.31	34.612	27.66	48.61	0.584	1472.4				
STD	900	2.31	34.649	27.69	46.38	0.632	1474.1				
STD	1000	2.27	34.674	27.71	44.52	0.677	1475.6				
STD	1100	2.21	34.699	27.74	42.59	0.721	1477.0				
STD	1200	2.15	34.718	27.76	41.07	0.763	1478.5				
STD	1300	2.11	34.735	27.77	39.89	0.803	1480.0				
STD	1400	2.08	34.744	27.78	39.36	0.843	1481.6				
STD	1500	2.00	34.751	27.79	38.37	0.882	1482.9				
STD	1750	1.82	34.758	27.81	36.84	0.976	1486.4				
STD	2000	1.58	34.751	27.83	35.48	1.066	1489.6				
STD	2250	1.36	34.742	27.83	34.24	1.153	1492.9				
STD	2500	1.15	34.733	27.84	33.04	1.237	1496.3				
STD	2750	0.94	34.724	27.85	31.51	1.318	1499.6				
STD	3000	0.75	34.712	27.85	30.33	1.395	1503.1				
STD	3250	0.55	34.703	27.86	28.50	1.469	1506.6				
STD	3500	0.46	34.698	27.86	27.78	1.539	1510.6				
STD	3750	0.34	34.694	27.86	26.55	1.607	1514.4				
STD	4000	0.25	34.692	27.87	25.32	1.672	1518.5				
STD	4250	0.11	34.689	27.87	23.62	1.733	1522.3				
STD	4500	0.05	34.687	27.87	22.69	1.791	1526.5				
STD	4657	0.01	34.687	27.87	22.01	1.826	1529.1				
COM2	28	5.46	33.811	26.70				700			
COM2	1766	1.81	34.757	27.81				465			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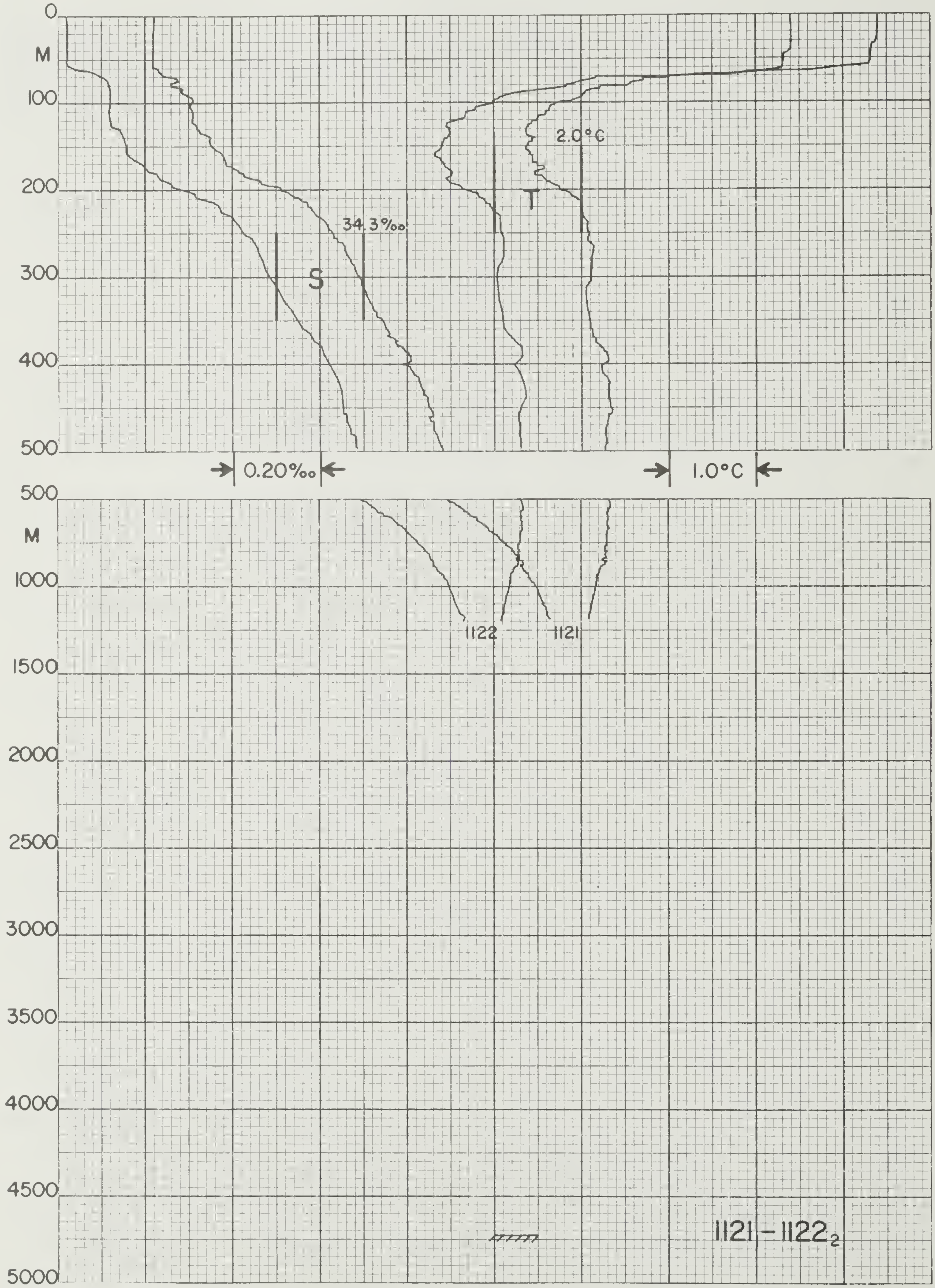
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1119	1	1	20	2	69	7.2	5430.8S	12500.6E	503	4726	5.7	1.6	295	283	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	1	5.62	33.823	26.69				696	64	145	
COM1	1213	2.15	34.726	27.76				437	187	294	
STD	0	5.62	33.811	26.68	136.73	0.000	1472.0				
STD	10	5.62	33.813	26.69	136.65	0.014	1472.1				
STD	20	5.58	33.812	26.69	136.47	0.027	1472.2				
STD	30	5.55	33.811	26.69	136.30	0.041	1472.2				
STD	50	5.49	33.809	26.70	135.89	0.068	1472.2				
STD	75	3.69	33.872	26.94	112.61	0.099	1465.3				
STD	100	2.47	33.887	27.07	100.86	0.126	1460.4				
STD	125	1.76	33.922	27.15	92.94	0.150	1457.8				
STD	150	1.36	33.938	27.19	88.87	0.173	1456.4				
STD	200	1.88	34.090	27.27	81.38	0.215	1459.8				
STD	250	2.30	34.215	27.34	75.45	0.255	1462.6				
STD	300	2.30	34.282	27.40	70.68	0.291	1463.5				
STD	400	2.29	34.372	27.47	64.31	0.359	1465.3				
STD	500	2.30	34.445	27.53	59.46	0.421	1467.1				
STD	600	2.33	34.523	27.58	54.41	0.477	1469.0				
STD	700	2.31	34.574	27.63	50.94	0.530	1470.6				
STD	800	2.31	34.621	27.66	47.99	0.580	1472.4				
STD	900	2.24	34.654	27.70	45.28	0.626	1473.8				
STD	1000	2.26	34.691	27.72	43.25	0.671	1475.6				
STD	1100	2.23	34.717	27.75	41.45	0.713	1477.1				
STD	1200	2.16	34.729	27.76	40.34	0.754	1478.5				
STD	1216	2.14	34.731	27.77	40.02	0.760	1478.7				
COM2	41	5.52	33.817	26.70				692	109	187	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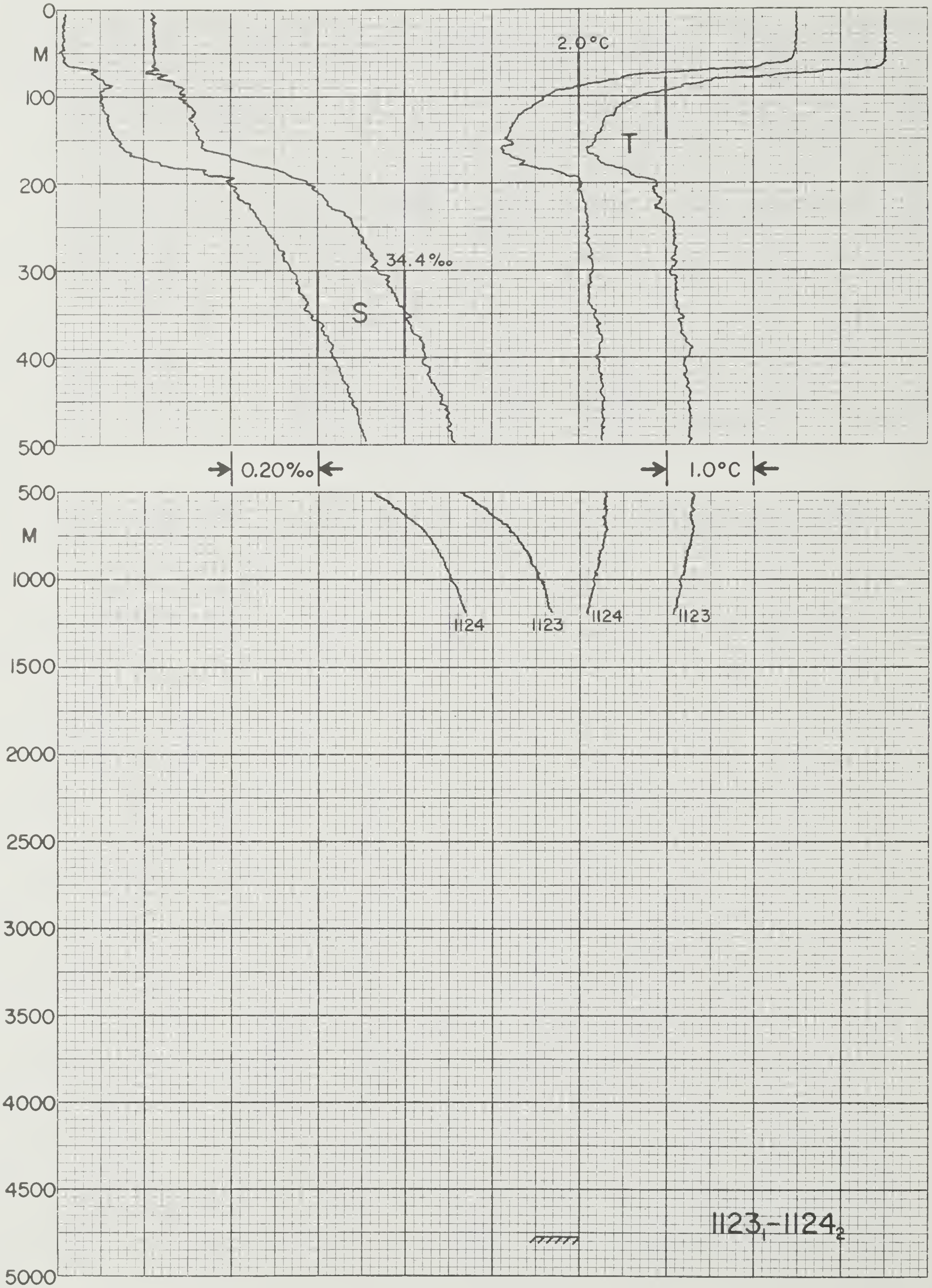
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1121	1	3	20	2	69	10.4	5447.9S	12502.2E	503	4726	5.8	1.9	306	293	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	2	5.39	33.831	26.73				693	113	204	
COM1	1199	2.09	34.735	27.77				438	169	249	
STD	0	5.41	33.822	26.72	133.48	0.000	1471.1				
STD	10	5.40	33.821	26.72	133.62	0.013	1471.3				
STD	20	5.40	33.820	26.72	133.79	0.027	1471.4				
STD	30	5.39	33.820	26.72	133.74	0.040	1471.5				
STD	50	5.32	33.819	26.73	133.30	0.067	1471.6				
STD	75	2.68	33.877	27.04	103.28	0.096	1461.0				
STD	100	1.74	33.908	27.14	93.70	0.121	1457.3				
STD	125	1.41	33.917	27.17	90.83	0.144	1456.2				
STD	150	1.38	33.955	27.20	87.77	0.166	1456.6				
STD	200	1.77	34.113	27.30	78.73	0.208	1459.3				
STD	250	2.10	34.232	27.37	72.55	0.246	1461.8				
STD	300	2.12	34.293	27.42	68.35	0.281	1462.8				
STD	400	2.27	34.398	27.49	62.23	0.346	1465.2				
STD	500	2.28	34.484	27.56	56.28	0.406	1467.0				
STD	600	2.31	34.550	27.61	52.18	0.460	1468.9				
STD	700	2.30	34.602	27.65	48.73	0.510	1470.6				
STD	800	2.29	34.645	27.69	45.87	0.558	1472.3				
STD	900	2.22	34.668	27.71	44.01	0.603	1473.7				
STD	1000	2.17	34.698	27.74	41.82	0.645	1475.2				
STD	1100	2.12	34.713	27.75	40.67	0.687	1476.7				
STD	1188	2.09	34.731	27.77	39.34	0.722	1478.0				
COM2	28	5.42	33.828	26.72				701	115	176	
COM2	755	2.31	34.619	27.66				415	192	322	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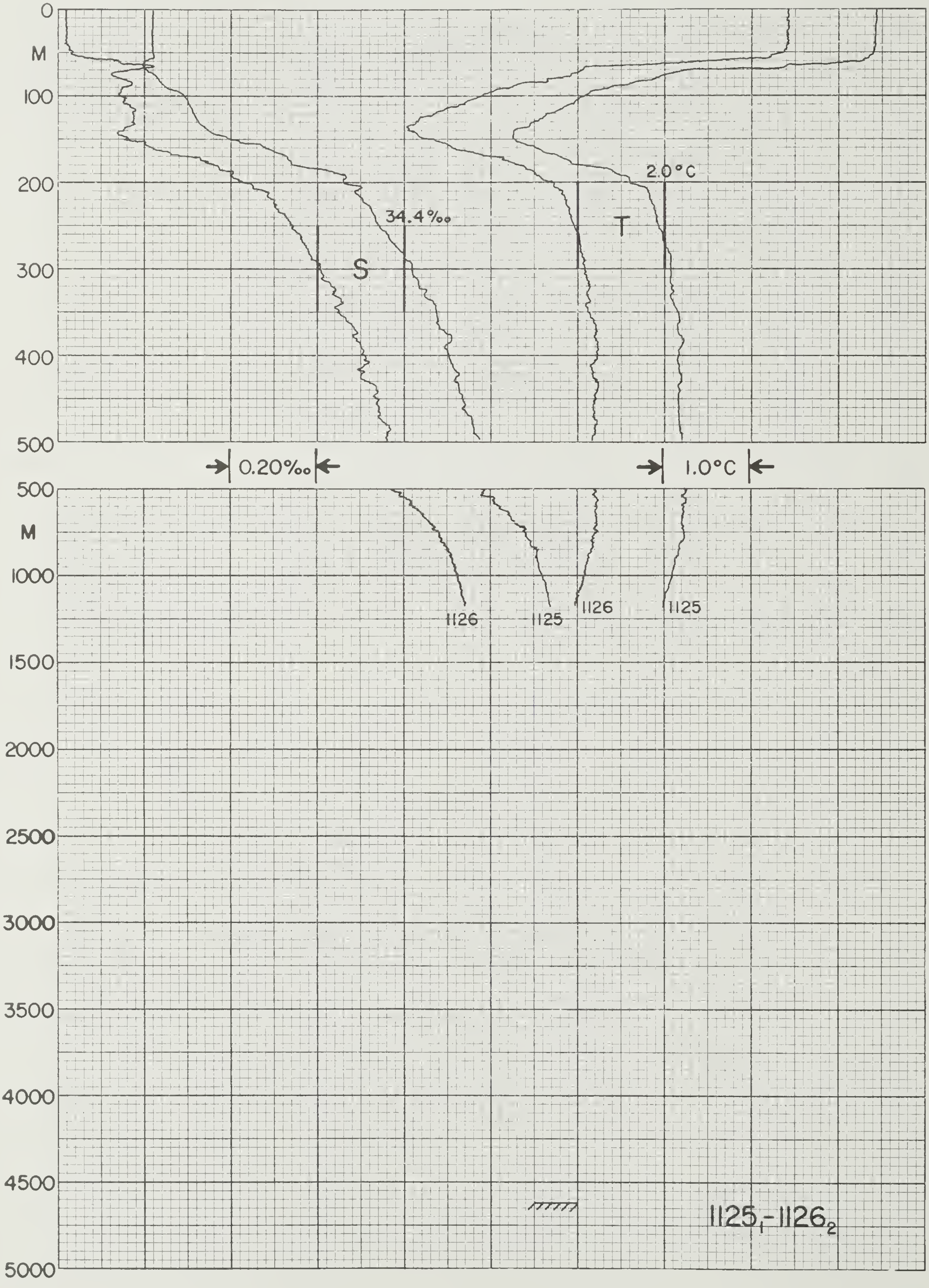
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1123	1	1	20	2	69	15.0	5512.3S	12505.3E	503	4777	5.6	3.3	336	334	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	4	4.52	33.834	26.83				709	112	214	
STD	0	4.53	33.818	26.81	124.31	0.000	1467.5				
STD	10	4.52	33.824	26.82	123.89	0.012	1467.6				
STD	20	4.52	33.825	26.82	123.92	0.025	1467.8				
STD	30	4.52	33.824	26.82	124.10	0.037	1468.0				
STD	50	4.53	33.824	26.82	124.38	0.062	1468.3				
STD	75	3.68	33.845	26.92	114.50	0.092	1465.2				
STD	100	1.75	33.894	27.13	94.85	0.118	1457.3				
STD	125	1.33	33.909	27.17	90.79	0.141	1455.9				
STD	150	1.18	33.932	27.20	88.13	0.164	1455.6				
STD	200	1.89	34.176	27.34	74.95	0.204	1460.0				
STD	250	2.09	34.281	27.41	68.82	0.240	1461.8				
STD	300	2.06	34.334	27.46	64.77	0.274	1462.5				
STD	400	2.27	34.441	27.52	58.95	0.336	1465.3				
STD	500	2.26	34.513	27.58	54.03	0.392	1467.0				
STD	600	2.27	34.579	27.64	49.60	0.444	1468.8				
STD	700	2.29	34.636	27.68	46.12	0.492	1470.6				
STD	800	2.27	34.664	27.70	44.31	0.537	1472.2				
STD	900	2.21	34.689	27.73	42.39	0.580	1473.7				
STD	1000	2.14	34.702	27.74	41.16	0.622	1475.1				
STD	1100	2.12	34.723	27.76	39.92	0.663	1476.7				
STD	1200	2.06	34.736	27.78	38.75	0.702	1478.1				
STD	1204	2.07	34.735	27.78	38.97	0.704	1478.2				
COM2	159	1.19	33.985	27.24				691	160	274	
COM2	1202	2.07	34.743	27.78				450	161	273	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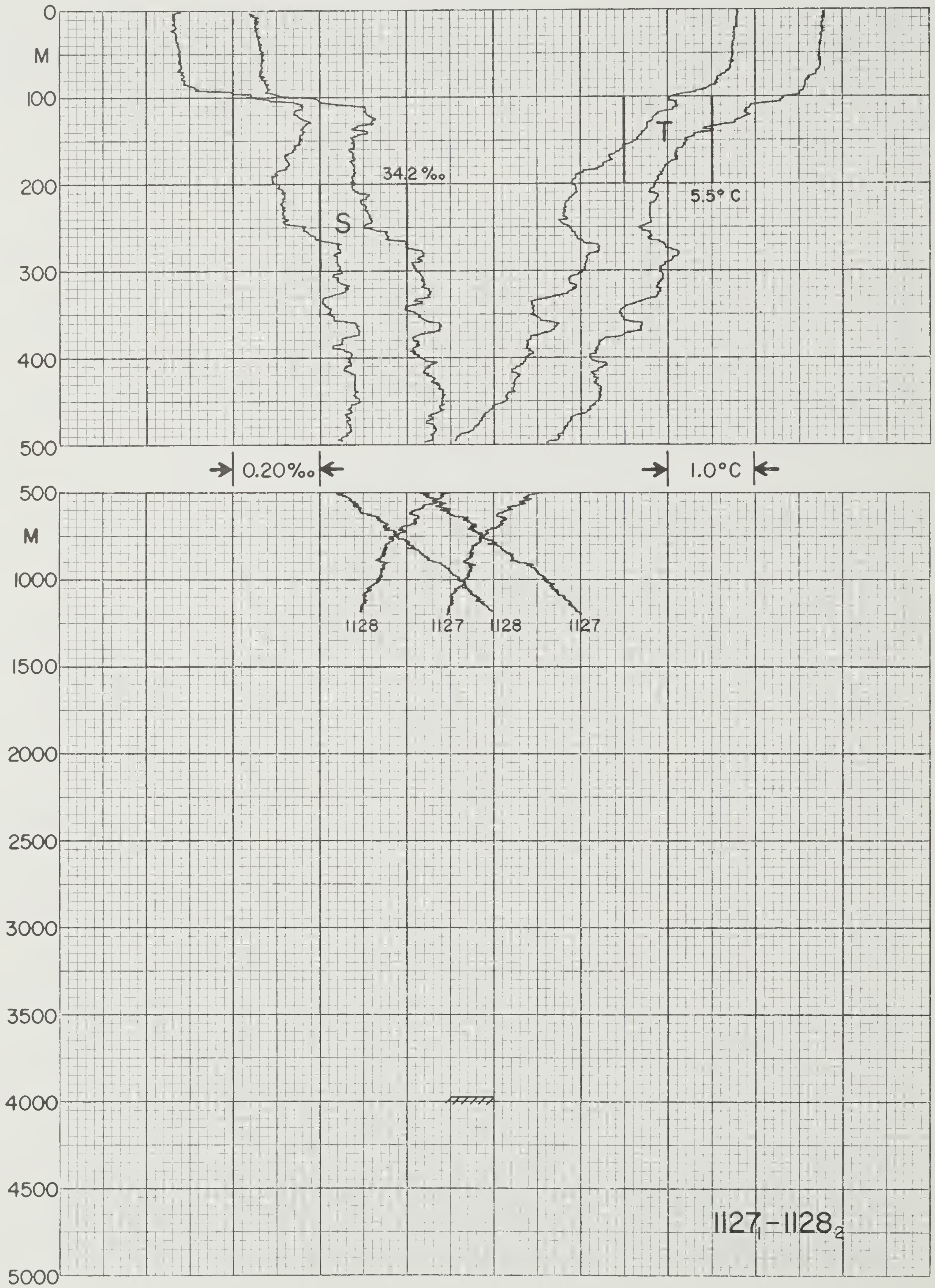
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1125	1	3	20	2	69	18.0	5528.7S	12502.2E	503	4623	5.7	3.9	326	334	5

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	52		33.833					715		227	
COM1	58		33.825					734	131	217	
COM1	64Q		33.850					741	124	231	
COM1	69Q		33.901					765	133	215	
COM1	80Q		33.901					750	154	216	
STD	0	4.44	33.821	26.83	123.14	0.000	1467.1				
STD	10	4.43	33.821	26.83	123.25	0.012	1467.3				
STD	20	4.43	33.820	26.83	123.33	0.025	1467.4				
STD	30	4.42	33.819	26.83	123.35	0.037	1467.5				
STD	50	4.40	33.821	26.83	123.17	0.062	1467.8				
STD	75	2.06	33.818	27.04	102.81	0.090	1458.2				
STD	100	1.10	33.892	27.17	90.55	0.114	1454.4				
STD	125	0.61	33.920	27.22	85.46	0.136	1452.6				
STD	150	0.25	33.996	27.30	77.66	0.156	1451.5				
STD	200	1.61	34.261	27.43	66.39	0.192	1458.8				
STD	250	1.93	34.343	27.47	62.82	0.225	1461.2				
STD	300	2.07	34.417	27.52	58.57	0.255	1462.7				
STD	400	2.16	34.502	27.58	53.44	0.311	1464.9				
STD	500	2.21	34.572	27.63	49.08	0.362	1466.9				
STD	600	2.20	34.614	27.67	46.42	0.410	1468.5				
STD	700	2.19	34.655	27.70	43.70	0.455	1470.2				
STD	800	2.20	34.689	27.73	41.79	0.498	1472.0				
STD	900	2.11	34.706	27.75	40.09	0.539	1473.3				
STD	1000	2.07	34.717	27.76	39.43	0.579	1474.8				
STD	1100	2.01	34.729	27.78	38.30	0.618	1476.2				
STD	1181	1.96	34.737	27.79	37.56	0.648	1477.4				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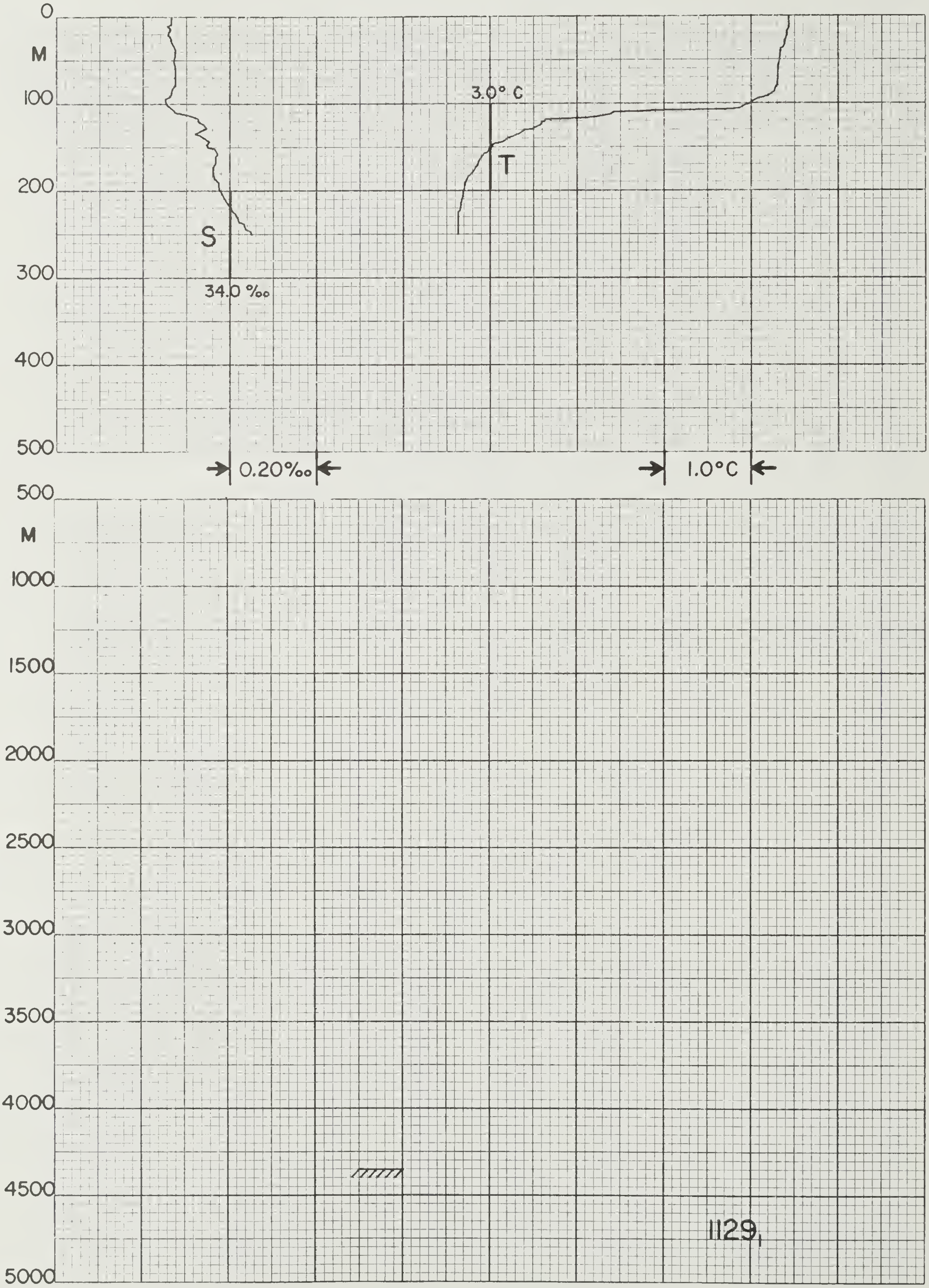
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1127	1	1	23	2	69	4.7	5054.8S	12419.1E	503	3978	6.9	5.4	334	273	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2\cdot$ml/l	PHOS $10^2\cdot\mu$gat/l	NITR $10\cdot\mu$gat/l	SILIC μgat/l
COM1	3	6.78	33.863	26.58				682	94	175	
STD	0	6.78	33.838	26.56	148.81	0.000	1476.7				
STD	10	6.78	33.852	26.57	147.95	0.015	1476.8				
STD	20	6.77	33.854	26.57	147.82	0.030	1477.0				
STD	30	6.76	33.859	26.58	147.43	0.044	1477.1				
STD	50	6.74	33.864	26.58	147.06	0.074	1477.4				
STD	75	6.70	33.860	26.58	147.16	0.111	1477.6				
STD	100	6.39	33.936	26.68	137.98	0.146	1476.9				
STD	125	5.85	34.127	26.90	117.37	0.178	1475.4				
STD	150	5.19	34.077	26.94	113.74	0.207	1473.0				
STD	200	4.85	34.081	26.99	110.09	0.263	1472.5				
STD	250	4.68	34.102	27.02	107.13	0.317	1472.6				
STD	300	4.90	34.221	27.09	101.32	0.369	1474.5				
STD	400	4.10	34.227	27.18	92.89	0.467	1472.8				
STD	500	3.58	34.238	27.24	87.38	0.557	1472.3				
STD	600	3.20	34.292	27.32	80.13	0.640	1472.4				
STD	700	3.04	34.357	27.39	74.33	0.718	1473.5				
STD	800	2.78	34.391	27.44	69.76	0.790	1474.1				
STD	900	2.65	34.453	27.50	64.36	0.857	1475.2				
STD	1000	2.66	34.517	27.55	60.31	0.919	1477.1				
STD	1100	2.49	34.561	27.60	55.74	0.977	1478.0				
STD	1200	2.45	34.598	27.63	53.18	1.032	1479.6				
STD	1205	2.45	34.599	27.64	53.04	1.034	1479.7				
COM2	650	3.12	34.335	27.37				497	184	303	
COM2	1194	2.46	34.599	27.63				421	190	309	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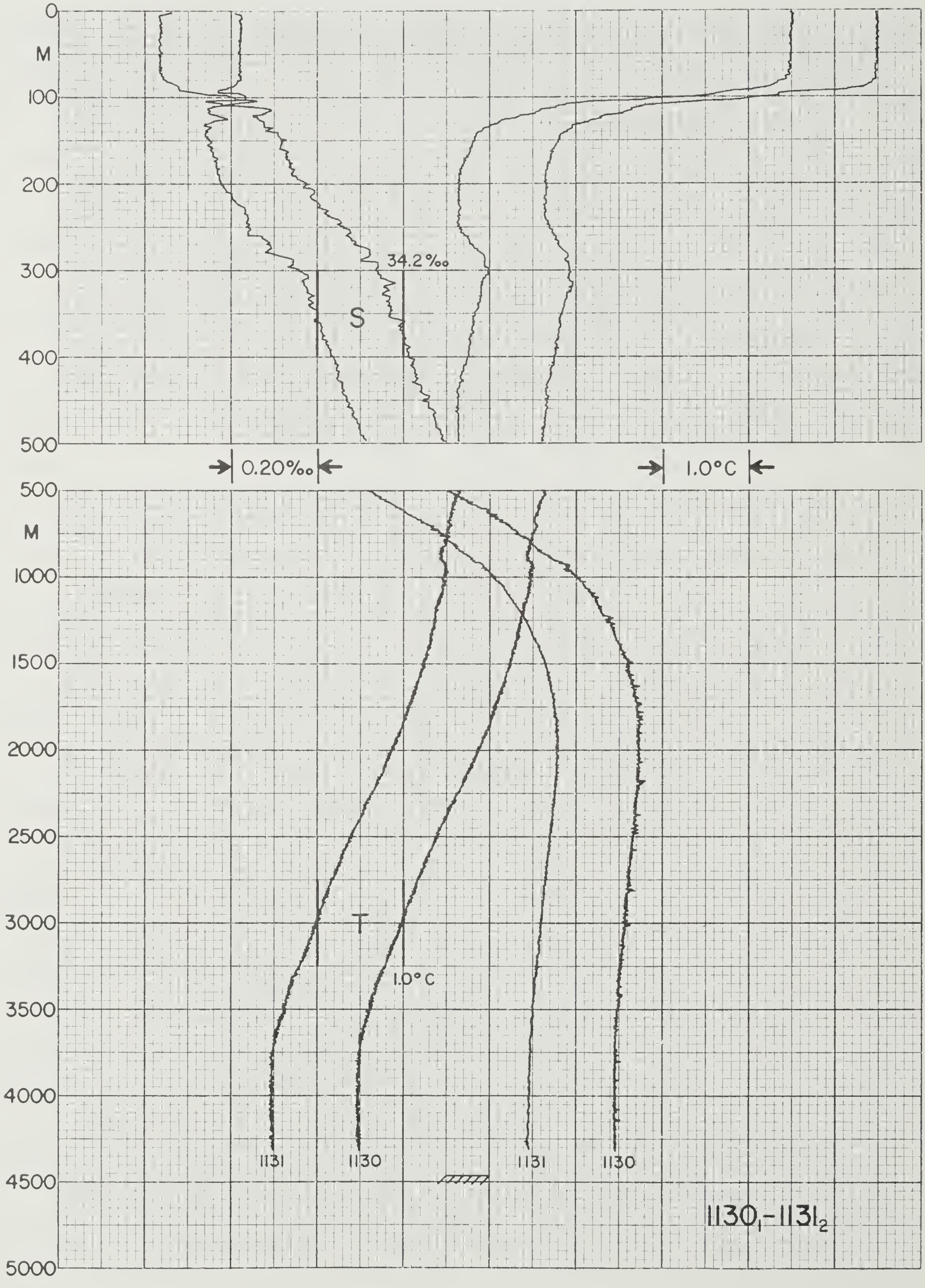
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1129	1	3	23	2	69	15.1	5056.7S	12214.3E	503	4350	6.0	3.2	236	233	6

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	4	6.42	33.841	26.61				679	91	180	
OBS1	85	6.26	33.854	26.64				684	117	186	
OBS1	104	5.04	33.876	26.80							
OBS1	110	3.62	33.925	26.99				699	134	204	
OBS1	118	3.22	33.930	27.03				682	152	224	
OBS1	132	2.96	33.939	27.07				691	150	242	
STD	0	6.43	33.866	26.62	142.30	0.000	1475.3				
STD	10	6.43	33.864	26.62	142.59	0.014	1475.5				
STD	20	6.41	33.859	26.62	142.77	0.029	1475.5				
STD	30	6.38	33.866	26.63	142.06	0.043	1475.6				
STD	50	6.32	33.872	26.64	141.23	0.071	1475.7				
STD	75	6.30	33.875	26.65	140.99	0.106	1476.0				
STD	100	6.00	33.854	26.67	139.15	0.141	1475.2				
STD	125	3.58	33.939	27.01	106.87	0.172	1465.7				
STD	150	3.02	33.949	27.07	101.11	0.198	1463.7				
STD	200	2.69	33.977	27.12	96.51	0.248	1463.2				
STD	250	2.63	34.050	27.18	90.73	0.294	1463.8				
STD	252	2.63	34.051	27.18	90.66	0.296	1463.8				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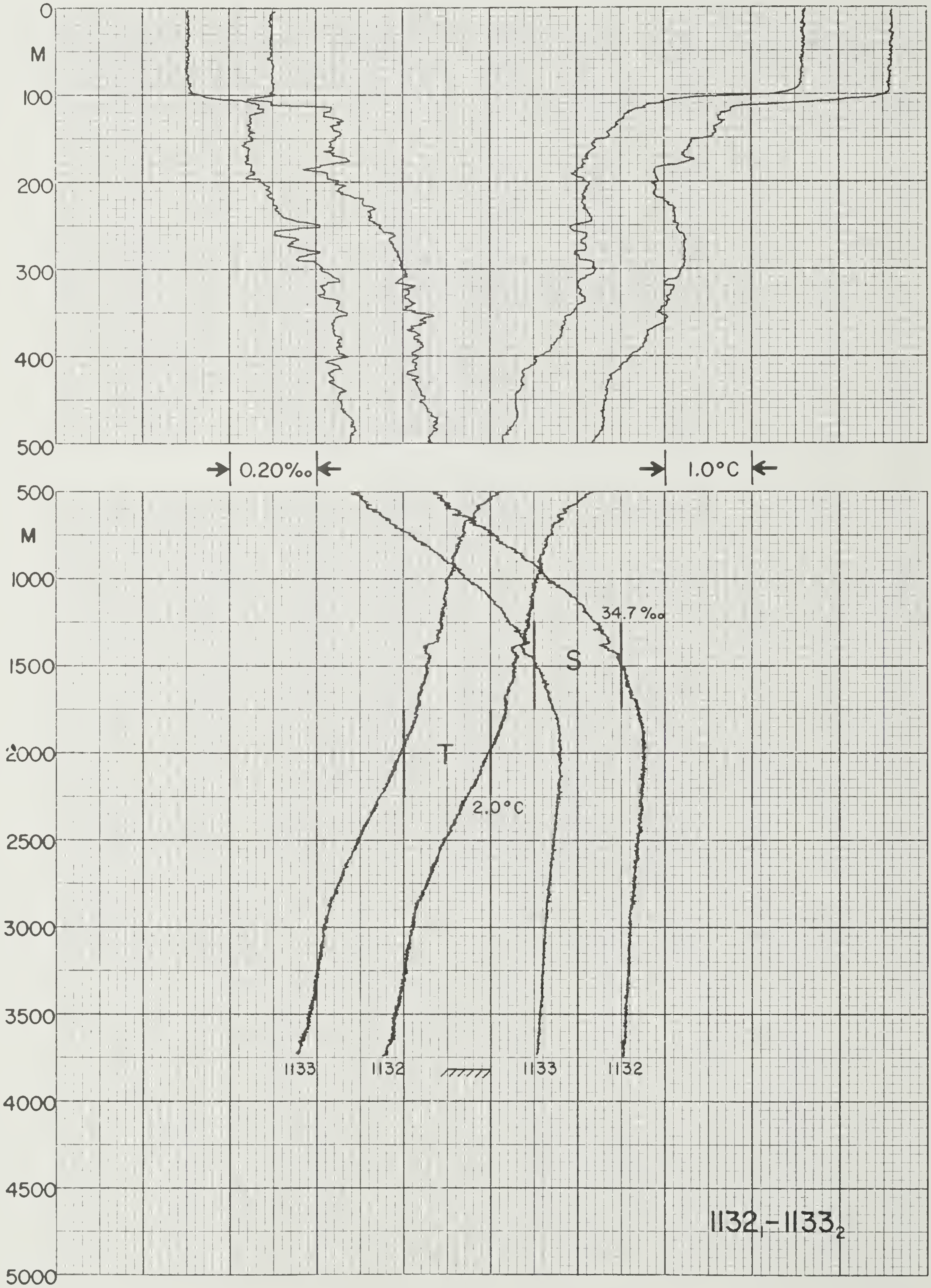
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1130	1	1	24	2	69	1.5	5058.8S	12228.0E	503	4463	6.3	2.9	226	224	2

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	6	6.48	33.849	26.60				681	111	191	
COM1	4309	0.47	34.693	27.85				510	158	242	
STD	0	6.48	33.811	26.57	147.02	0.000	1475.4				
STD	10	6.50	33.824	26.58	146.47	0.015	1475.7				
STD	20	6.49	33.825	26.58	146.34	0.029	1475.8				
STD	30	6.50	33.822	26.58	146.76	0.044	1476.0				
STD	50	6.49	33.823	26.58	146.89	0.073	1476.3				
STD	75	6.48	33.822	26.58	147.18	0.110	1476.7				
STD	100	5.09	33.834	26.76	130.14	0.145	1471.5				
STD	125	3.27	33.864	26.98	109.66	0.175	1464.3				
STD	150	2.80	33.925	27.07	101.01	0.201	1462.7				
STD	200	2.66	33.976	27.12	96.26	0.250	1463.0				
STD	250	2.69	34.062	27.19	90.37	0.297	1464.1				
STD	300	2.93	34.136	27.22	87.23	0.341	1466.1				
STD	400	2.75	34.213	27.30	80.38	0.425	1467.1				
STD	500	2.61	34.303	27.39	72.86	0.502	1468.2				
STD	600	2.55	34.376	27.45	67.50	0.572	1469.7				
STD	700	2.53	34.442	27.50	62.82	0.637	1471.4				
STD	800	2.48	34.494	27.55	59.07	0.698	1472.9				
STD	900	2.45	34.548	27.60	55.19	0.755	1474.5				
STD	1000	2.48	34.598	27.63	52.38	0.809	1476.4				
STD	1100	2.43	34.635	27.67	49.72	0.860	1477.9				
STD	1200	2.38	34.656	27.69	48.11	0.909	1479.4				
STD	1300	2.33	34.685	27.72	45.87	0.956	1480.9				
STD	1400	2.29	34.702	27.73	44.74	1.001	1482.4				
STD	1500	2.23	34.721	27.75	43.12	1.045	1483.9				
STD	1750	2.07	34.739	27.78	41.17	1.151	1487.4				
STD	2000	1.87	34.746	27.80	39.29	1.251	1490.8				
STD	2250	1.63	34.739	27.81	37.85	1.348	1494.1				
STD	2500	1.38	34.729	27.82	36.20	1.440	1497.3				
STD	2750	1.16	34.720	27.83	34.56	1.529	1500.6				
STD	3000	0.98	34.711	27.84	33.31	1.613	1504.1				
STD	3250	0.78	34.702	27.84	31.73	1.695	1507.6				
STD	3500	0.61	34.693	27.85	30.20	1.772	1511.2				
STD	3750	0.48	34.691	27.85	28.79	1.846	1515.0				
STD	4000	0.46	34.689	27.85	28.78	1.918	1519.4				
STD	4250	0.46	34.688	27.85	28.94	1.990	1523.8				
STD	4327	0.48	34.689	27.85	29.25	2.012	1525.3				
COM2	227	2.65	34.017	27.15				669	125	212	
COM2	2025	1.80	34.753	27.81				461	161	272	
COM2	3966	0.46	34.693	27.85				508	172	295	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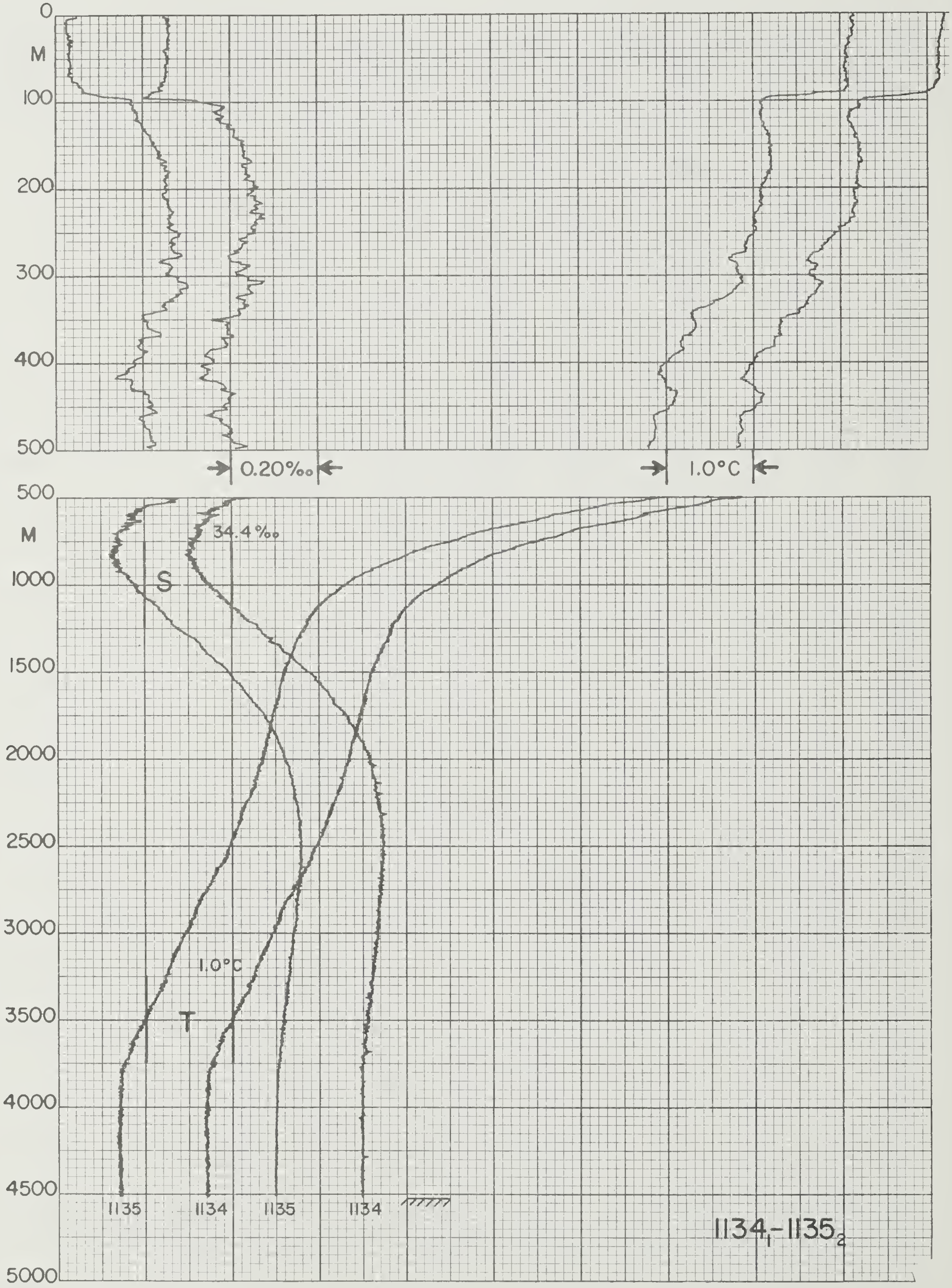
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1132	1	1	24	2	69	20.9	4955.6S	12015.1E	467	3820	8.0	6.6	305	284	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	3713	0.76	34.706	27.85				495	199	301	
STD	0	6.61	33.905	26.63	141.53	0.000	1476.1				
STD	10	6.59	33.895	26.63	142.35	0.014	1476.2				
STD	20	6.60	33.894	26.62	142.60	0.028	1476.3				
STD	30	6.61	33.897	26.63	142.66	0.043	1476.6				
STD	50	6.59	33.900	26.63	142.55	0.071	1476.8				
STD	75	6.58	33.898	26.63	142.80	0.107	1477.2				
STD	100	6.53	33.904	26.64	142.00	0.142	1477.4				
STD	125	4.61	34.025	26.97	110.91	0.174	1470.2				
STD	150	4.46	34.045	27.00	108.04	0.201	1470.0				
STD	200	3.92	34.050	27.06	102.46	0.254	1468.5				
STD	250	4.15	34.148	27.12	98.03	0.304	1470.5				
STD	300	4.19	34.195	27.15	95.32	0.353	1471.5				
STD	400	3.62	34.231	27.24	87.45	0.444	1470.8				
STD	500	3.17	34.265	27.31	81.12	0.528	1470.6				
STD	600	2.83	34.298	27.36	76.01	0.607	1470.8				
STD	700	2.69	34.371	27.43	69.75	0.680	1472.0				
STD	800	2.64	34.424	27.48	65.84	0.747	1473.5				
STD	900	2.54	34.484	27.54	60.95	0.811	1474.8				
STD	1000	2.53	34.530	27.57	57.94	0.870	1476.5				
STD	1100	2.46	34.581	27.62	53.98	0.926	1477.9				
STD	1200	2.44	34.620	27.65	51.38	0.979	1479.6				
STD	1300	2.38	34.657	27.69	48.57	1.029	1481.1				
STD	1400	2.24	34.664	27.70	47.06	1.077	1482.2				
STD	1500	2.25	34.699	27.73	45.07	1.123	1483.9				
STD	1750	2.16	34.733	27.77	42.65	1.232	1487.8				
STD	2000	1.96	34.750	27.80	40.16	1.336	1491.2				
STD	2250	1.72	34.745	27.81	38.50	1.434	1494.4				
STD	2500	1.45	34.736	27.82	36.60	1.528	1497.6				
STD	2750	1.24	34.728	27.83	35.10	1.618	1501.0				
STD	3000	1.09	34.717	27.83	34.45	1.705	1504.6				
STD	3250	1.02	34.714	27.84	34.14	1.790	1508.6				
STD	3500	0.87	34.707	27.84	32.95	1.874	1512.4				
STD	3743	0.74	34.699	27.84	31.97	1.953	1516.0				
COM2	4	6.56	33.901	26.64				678	91	187	
COM2	2205	1.70	34.748	27.81				459	145	224	
COM2	2492	1.48	34.745	27.83				473	171	289	
COM2	2975	1.07	34.725	27.84				482	193	294	
COM2	3473	0.92	34.715	27.84				482	161	209	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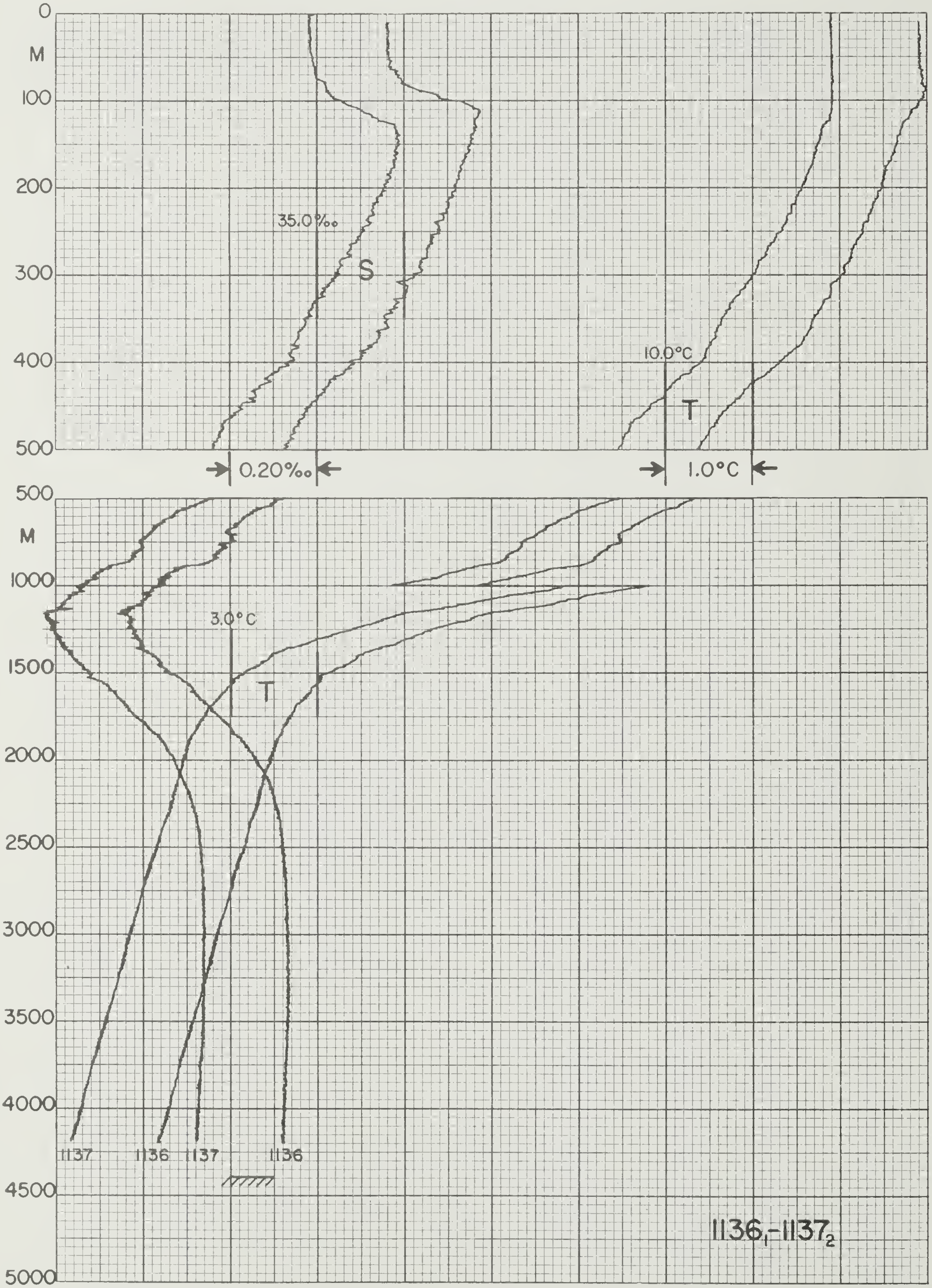
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 37	1134	1	1	26	2	69	5.2	4847.5S	12321.1E	467	4505	9.5	8.7	284	283	0

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
STD	0	9.20	34.248	26.52	152.39	0.000	1486.5				
STD	10	9.19	34.258	26.53	151.65	0.015	1486.6				
STD	20	9.18	34.260	26.53	151.57	0.030	1486.7				
STD	30	9.15	34.257	26.53	151.53	0.046	1486.8				
STD	50	9.13	34.256	26.54	151.66	0.076	1487.0				
STD	75	9.15	34.252	26.53	152.75	0.114	1487.5				
STD	100	8.25	34.328	26.73	134.17	0.150	1484.7				
STD	125	8.10	34.386	26.80	128.11	0.183	1484.6				
STD	150	8.22	34.432	26.82	126.89	0.214	1485.5				
STD	200	8.22	34.447	26.83	126.68	0.278	1486.3				
STD	250	8.00	34.457	26.87	123.52	0.340	1486.3				
STD	300	7.65	34.431	26.90	121.28	0.402	1485.8				
STD	400	7.01	34.361	26.94	118.97	0.522	1484.8				
STD	500	6.80	34.416	27.01	113.53	0.638	1485.7				
STD	600	5.73	34.340	27.09	106.11	0.748	1483.0				
STD	700	4.88	34.322	27.17	97.84	0.850	1481.2				
STD	800	4.22	34.310	27.24	91.62	0.944	1480.0				
STD	900	3.71	34.320	27.30	85.84	1.033	1479.6				
STD	1000	3.36	34.349	27.35	80.43	1.116	1479.8				
STD	1100	3.07	34.388	27.41	74.92	1.194	1480.3				
STD	1200	2.91	34.428	27.46	70.76	1.267	1481.3				
STD	1300	2.80	34.476	27.51	66.59	1.336	1482.6				
STD	1400	2.70	34.526	27.56	62.32	1.400	1483.9				
STD	1500	2.61	34.572	27.60	58.50	1.460	1485.3				
STD	1750	2.48	34.657	27.68	52.01	1.599	1489.1				
STD	2000	2.35	34.716	27.74	47.34	1.723	1492.8				
STD	2250	2.17	34.736	27.77	44.86	1.838	1496.4				
STD	2500	1.97	34.746	27.79	42.58	1.947	1499.8				
STD	2750	1.68	34.740	27.81	40.03	2.051	1502.9				
STD	3000	1.47	34.725	27.81	38.99	2.149	1506.3				
STD	3250	1.26	34.720	27.82	37.03	2.244	1509.7				
STD	3500	0.98	34.708	27.83	34.45	2.334	1512.8				
STD	3750	0.74	34.698	27.84	32.08	2.417	1516.2				
STD	4000	0.68	34.696	27.84	31.47	2.496	1520.3				
STD	4250	0.69	34.696	27.84	31.98	2.576	1524.8				
STD	4500	0.70	34.696	27.84	32.32	2.656	1529.3				
STD	4526	0.69	34.696	27.84	32.34	2.664	1529.7				
COM2	863	3.92	34.329	27.28				496	204	287	
COM2	3959	0.69	34.702	27.85				495	208	303	
COM2	4134	0.67	34.702	27.85				502			
COM2	4340	0.69	34.701	27.85				496		300	
COM2	4523	0.70	34.701	27.85				496		254	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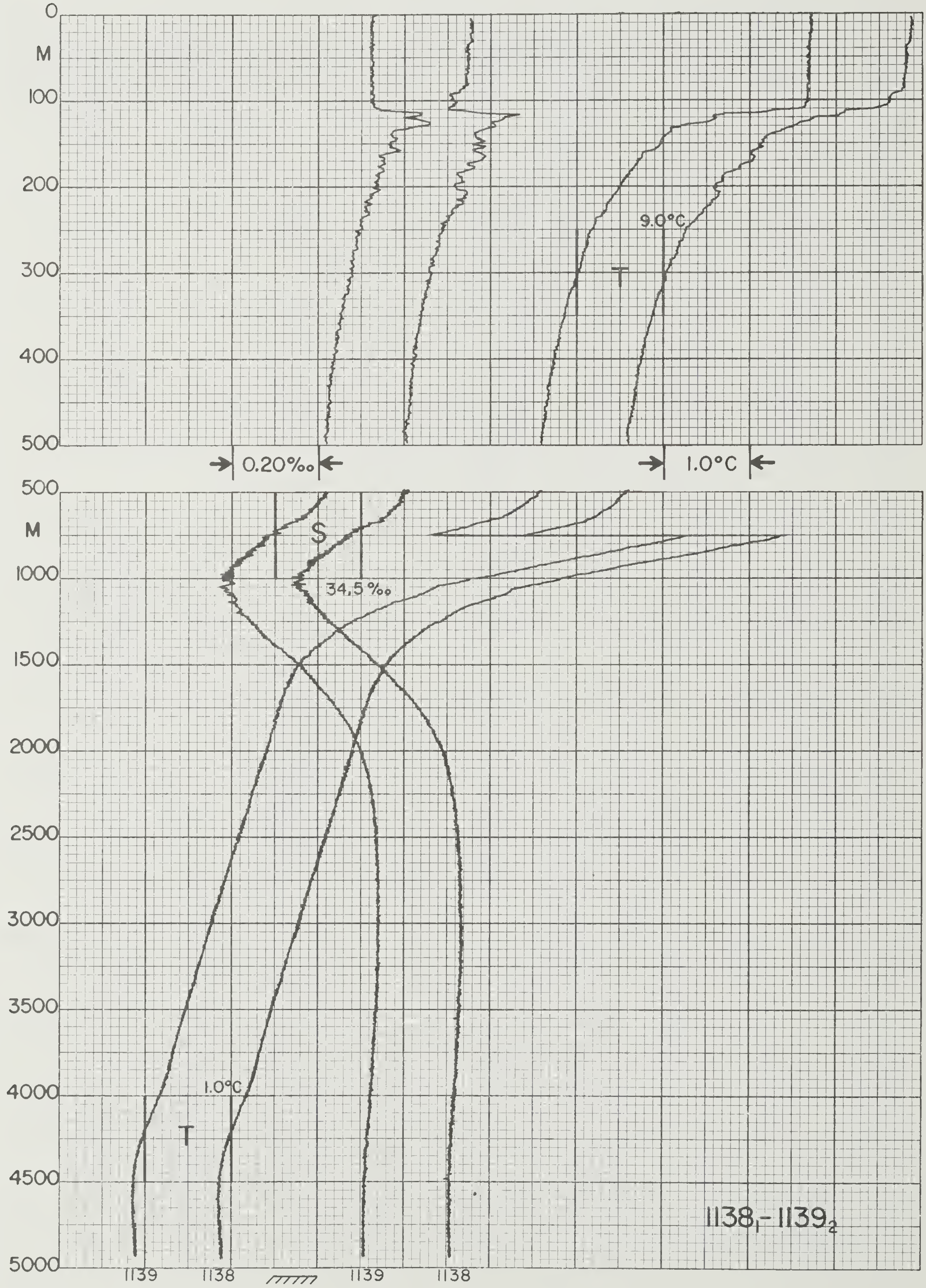
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1136	1	1	10	6	69	12.2	4155.0S	13657.9E	466	4392	11.3	10.7	356	334	3

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	2	11.96	34.965	26.59				610			
COM1	4173	1.16	34.723	27.83				502			
COM1	4187	1.14	34.722	27.83				498			
STD	0	11.92	34.963	26.59	145.10	0.000	1497.1				
STD	10	11.92	34.963	26.59	145.35	0.015	1497.3				
STD	20	11.92	34.967	26.60	145.40	0.029	1497.5				
STD	30	11.92	34.965	26.60	145.73	0.044	1497.6				
STD	50	11.93	34.968	26.60	146.19	0.073	1498.0				
STD	75	11.96	34.995	26.61	145.48	0.109	1498.6				
STD	100	11.94	35.107	26.70	137.50	0.145	1499.0				
STD	125	11.74	35.165	26.78	130.27	0.178	1498.8				
STD	150	11.66	35.156	26.79	129.97	0.211	1498.9				
STD	200	11.50	35.121	26.80	130.84	0.276	1499.2				
STD	250	11.27	35.083	26.81	130.75	0.341	1499.1				
STD	300	11.03	35.029	26.81	131.70	0.407	1499.0				
STD	400	10.31	34.878	26.82	132.35	0.539	1497.9				
STD	500	9.35	34.722	26.86	129.76	0.670	1495.9				
STD	600	8.84	34.638	26.88	129.56	0.800	1495.5				
STD	700	8.48	34.595	26.90	128.70	0.929	1495.7				
STD	800	8.30	34.578	26.92	128.83	1.057	1496.7				
STD	900	7.72	34.475	26.92	128.91	1.186	1496.0				
STD	1000	6.86	34.450	27.03	119.09	1.310	1494.3				
STD	1100	5.75	34.401	27.13	107.96	1.424	1491.5				
STD	1200	4.73	34.382	27.24	96.49	1.526	1488.9				
STD	1300	4.09	34.385	27.31	88.87	1.619	1487.9				
STD	1400	3.49	34.422	27.40	79.44	1.703	1487.2				
STD	1500	3.14	34.461	27.47	72.91	1.779	1487.4				
STD	1750	2.70	34.570	27.59	61.02	1.947	1489.9				
STD	2000	2.45	34.657	27.68	52.96	2.089	1493.2				
STD	2250	2.30	34.702	27.73	49.01	2.216	1496.9				
STD	2500	2.16	34.717	27.75	47.28	2.337	1500.6				
STD	2750	2.01	34.727	27.77	45.41	2.453	1504.2				
STD	3000	1.85	34.731	27.79	44.00	2.564	1507.9				
STD	3250	1.72	34.731	27.80	42.81	2.673	1511.6				
STD	3500	1.56	34.732	27.81	41.31	2.778	1515.4				
STD	3750	1.41	34.724	27.82	40.16	2.880	1519.1				
STD	4000	1.28	34.722	27.82	38.97	2.979	1522.9				
STD	4200	1.15	34.721	27.83	37.46	3.055	1525.9				
COM2	1547	3.02	34.488	27.50							
COM2	2058	2.43	34.676	27.70				331			
COM2	3018	1.82	34.740	27.80				449			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CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1138	1	1	23	6	69	3.5	4000.0S	12602.5E	431	5052	10.9	10.0	275	263	0

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
STD	0	11.86	34.753	26.44	159.54	0.000	1496.7				
STD	10	11.88	34.756	26.44	159.82	0.016	1496.9				
STD	20	11.88	34.758	26.44	159.98	0.032	1497.1				
STD	30	11.86	34.756	26.44	160.06	0.048	1497.2				
STD	50	11.83	34.747	26.44	160.60	0.080	1497.4				
STD	75	11.79	34.743	26.45	160.87	0.120	1497.7				
STD	100	11.62	34.709	26.45	160.90	0.160	1497.4				
STD	125	10.70	34.820	26.71	137.20	0.198	1494.7				
STD	150	10.16	34.778	26.77	131.74	0.231	1493.1				
STD	200	9.61	34.716	26.82	128.33	0.296	1491.9				
STD	250	9.26	34.686	26.85	125.97	0.360	1491.4				
STD	300	9.04	34.656	26.86	125.59	0.423	1491.3				
STD	400	8.74	34.622	26.88	125.28	0.548	1491.8				
STD	500	8.60	34.609	26.90	125.85	0.674	1492.9				
STD	600	8.37	34.578	26.91	126.37	0.800	1493.6				
STD	700	7.93	34.518	26.93	125.62	0.926	1493.5				
STD	800	7.02	34.454	27.01	118.30	1.048	1491.6				
STD	900	5.94	34.394	27.10	108.61	1.161	1488.9				
STD	1000	4.90	34.352	27.20	98.92	1.265	1486.3				
STD	1100	4.17	34.367	27.29	89.54	1.359	1484.9				
STD	1200	3.60	34.400	27.37	80.90	1.445	1484.2				
STD	1300	3.25	34.440	27.44	74.58	1.522	1484.5				
STD	1400	3.00	34.486	27.50	68.74	1.594	1485.1				
STD	1500	2.81	34.527	27.55	64.09	1.660	1486.1				
STD	1750	2.55	34.625	27.65	55.22	1.809	1489.3				
STD	2000	2.39	34.684	27.71	50.25	1.941	1492.9				
STD	2250	2.25	34.710	27.74	47.74	2.064	1496.6				
STD	2500	2.07	34.722	27.76	45.68	2.181	1500.2				
STD	2750	1.92	34.725	27.78	44.35	2.293	1503.8				
STD	3000	1.77	34.730	27.79	42.94	2.402	1507.5				
STD	3250	1.61	34.728	27.81	41.52	2.508	1511.2				
STD	3500	1.44	34.725	27.82	40.01	2.610	1514.8				
STD	3750	1.31	34.716	27.82	39.29	2.709	1518.6				
STD	4000	1.15	34.717	27.83	37.24	2.804	1522.3				
STD	4250	0.95	34.706	27.83	35.30	2.895	1525.9				
STD	4500	0.84	34.691	27.83	35.02	2.983	1529.9				
STD	4750	0.86	34.699	27.83	34.98	3.071	1534.4				
STD	4955	0.85	34.701	27.84	35.13	3.142	1538.1				
COM2	3	11.70	34.719	26.45				630			
COM2	2537	2.06	34.732	27.77				426			
COM2	3534	1.42	34.732	27.82				476			
COM2	4047	1.12	34.720	27.83				488			
COM2	4524	0.81	34.706	27.84				506			
COM2	4963	0.86	34.704	27.84				504			

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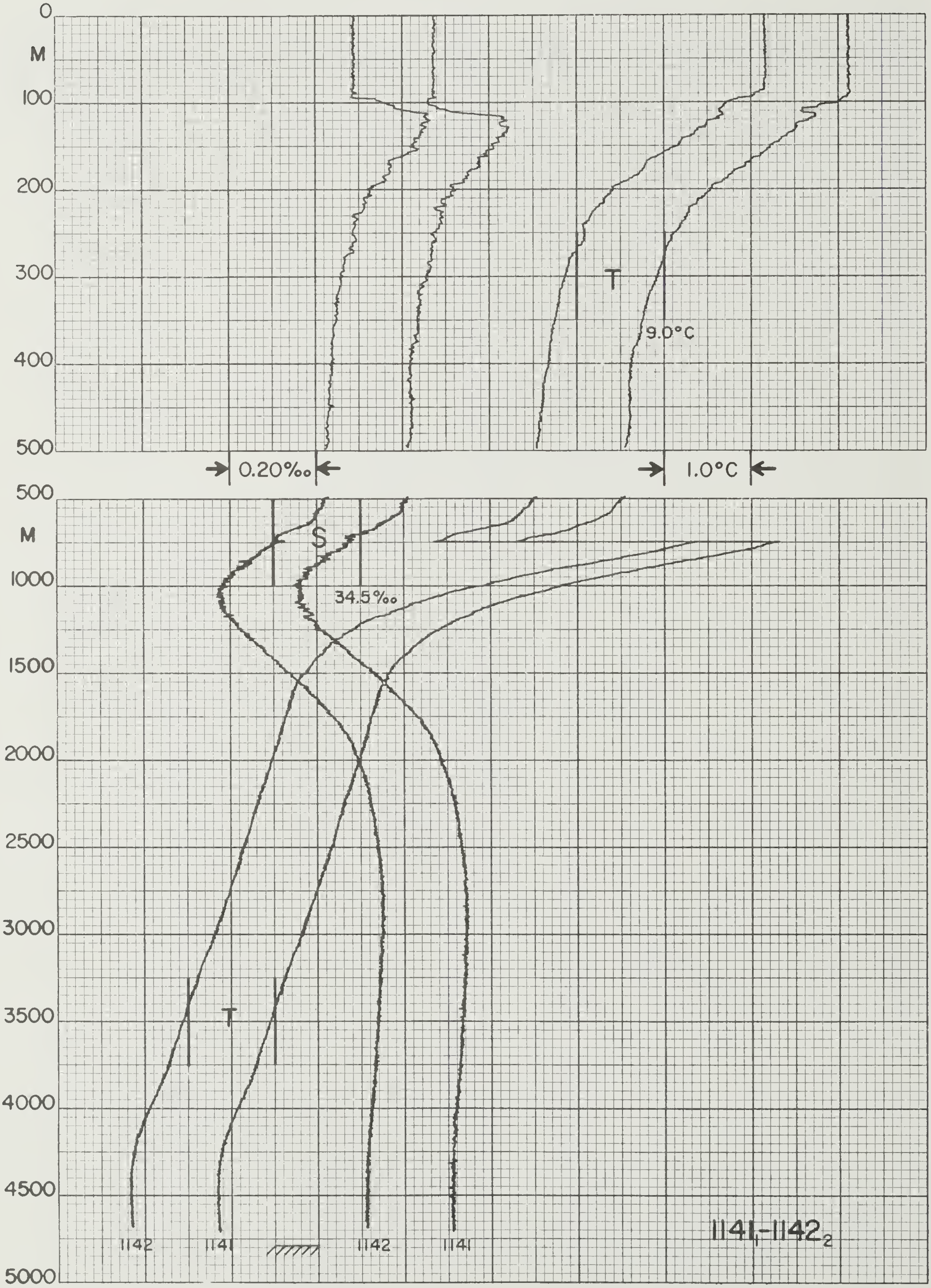
OBS	29	11.90	34.765	26.44	1497.3
OBS	194	9.51	34.718	26.83	1491.4
OBS	299	9.02	34.674	26.88	1491.3
OBS	463	8.61	34.617	26.90	1492.4
OBS	681	7.99	34.547	26.94	1493.5
OBS	965	5.32	34.396	27.18	1487.5
OBS	1814	2.49	34.658	27.68	1490.2
OBS	2818	1.83	34.741	27.80	1504.6
OBS	3589	1.38	34.734	27.83	1516.1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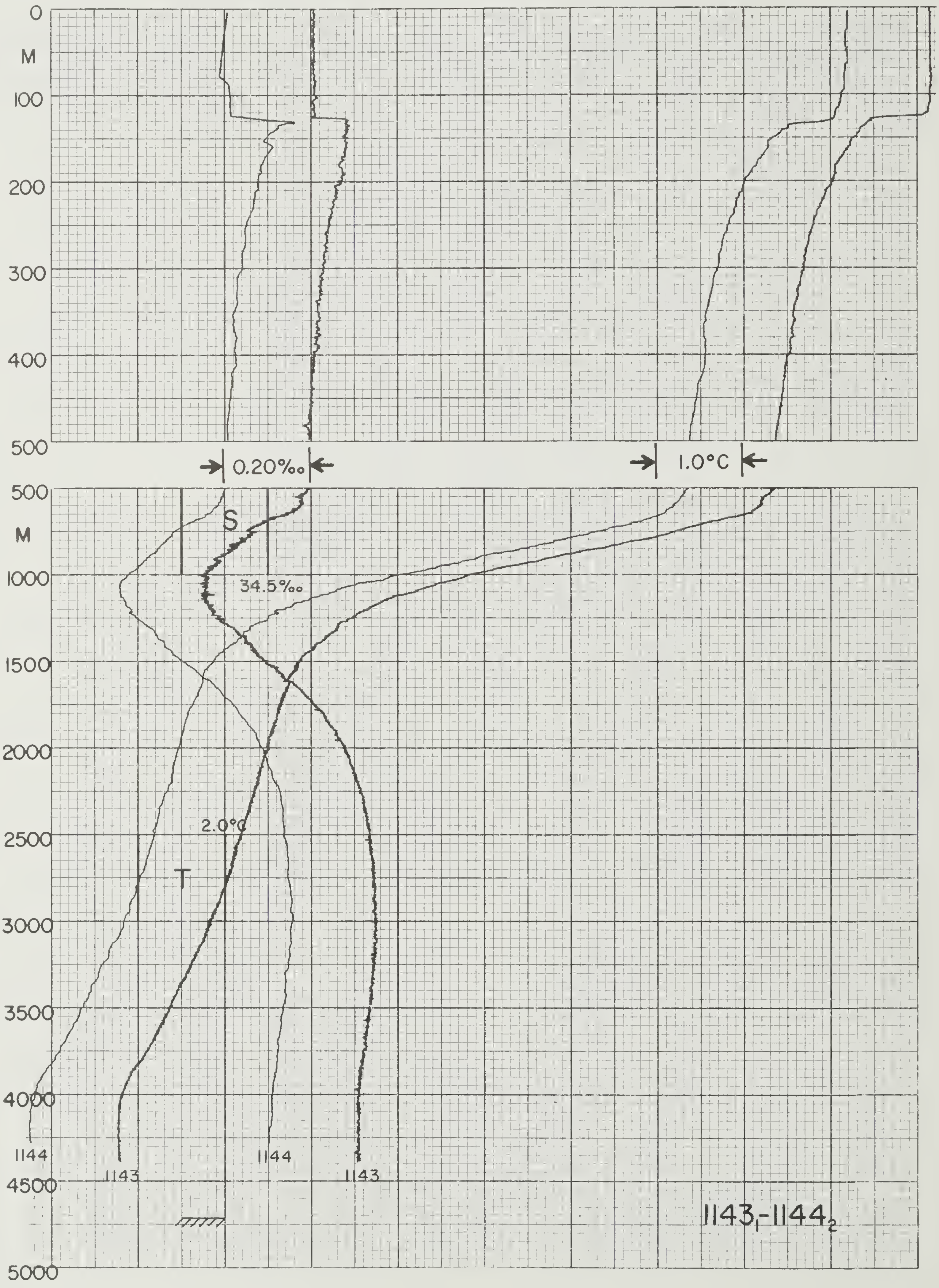
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1141	1	1	24	6	69	12.5	4228.8S	12607.1E	467	4791	10.0	5.7	265	264	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
COM1	3	11.15	34.671	26.51				632			
STD	0	11.11	34.675	26.52	152.00	0.000	1493.9				
STD	10	11.11	34.675	26.52	152.33	0.015	1494.1				
STD	20	11.12	34.675	26.52	152.58	0.030	1494.3				
STD	30	11.12	34.674	26.52	152.99	0.046	1494.5				
STD	50	11.12	34.671	26.52	153.58	0.076	1494.8				
STD	75	11.13	34.674	26.52	154.17	0.115	1495.2				
STD	100	11.03	34.659	26.53	154.04	0.153	1495.3				
STD	125	10.56	34.825	26.74	134.50	0.189	1494.3				
STD	150	10.25	34.806	26.78	131.08	0.223	1493.5				
STD	200	9.56	34.717	26.83	127.33	0.287	1491.7				
STD	250	9.15	34.678	26.86	124.72	0.350	1490.9				
STD	300	8.93	34.656	26.88	123.92	0.412	1490.9				
STD	400	8.63	34.617	26.90	123.92	0.536	1491.4				
STD	500	8.54	34.609	26.90	125.01	0.661	1492.7				
STD	600	8.34	34.588	26.92	125.10	0.786	1493.5				
STD	700	7.81	34.508	26.94	124.56	0.911	1493.1				
STD	800	6.97	34.449	27.01	117.98	1.032	1491.4				
STD	900	5.91	34.395	27.11	108.13	1.145	1488.8				
STD	1000	4.89	34.349	27.19	99.00	1.249	1486.2				
STD	1100	4.14	34.358	27.28	89.90	1.343	1484.8				
STD	1200	3.63	34.384	27.36	82.41	1.429	1484.3				
STD	1300	3.27	34.427	27.43	75.66	1.508	1484.5				
STD	1400	3.02	34.470	27.48	70.27	1.581	1485.2				
STD	1500	2.83	34.519	27.54	64.97	1.649	1486.1				
STD	1750	2.62	34.621	27.64	56.37	1.801	1489.6				
STD	2000	2.49	34.680	27.70	51.82	1.936	1493.4				
STD	2250	2.29	34.713	27.74	48.10	2.061	1496.8				
STD	2500	2.15	34.728	27.76	46.27	2.179	1500.5				
STD	2750	1.98	34.740	27.79	44.13	2.292	1504.1				
STD	3000	1.80	34.738	27.80	42.76	2.400	1507.7				
STD	3250	1.60	34.734	27.81	41.01	2.505	1511.2				
STD	3500	1.44	34.729	27.82	39.64	2.606	1514.8				
STD	3750	1.27	34.722	27.82	38.27	2.703	1518.5				
STD	4000	1.07	34.716	27.83	36.01	2.796	1522.0				
STD	4250	0.88	34.686	27.82	35.60	2.885	1525.6				
STD	4500	0.82	34.708	27.84	33.50	2.972	1529.8				
STD	4720	0.85	34.705	27.84	34.43	3.047	1533.9				
COM2	815	6.94	34.465	27.03				486			
COM2	1231	3.48	34.402	27.39				454			
COM2	1833	2.57	34.648	27.66				392			
COM2	2220	2.30	34.706	27.73				0			
COM2	4718	0.83	34.704	27.84				500			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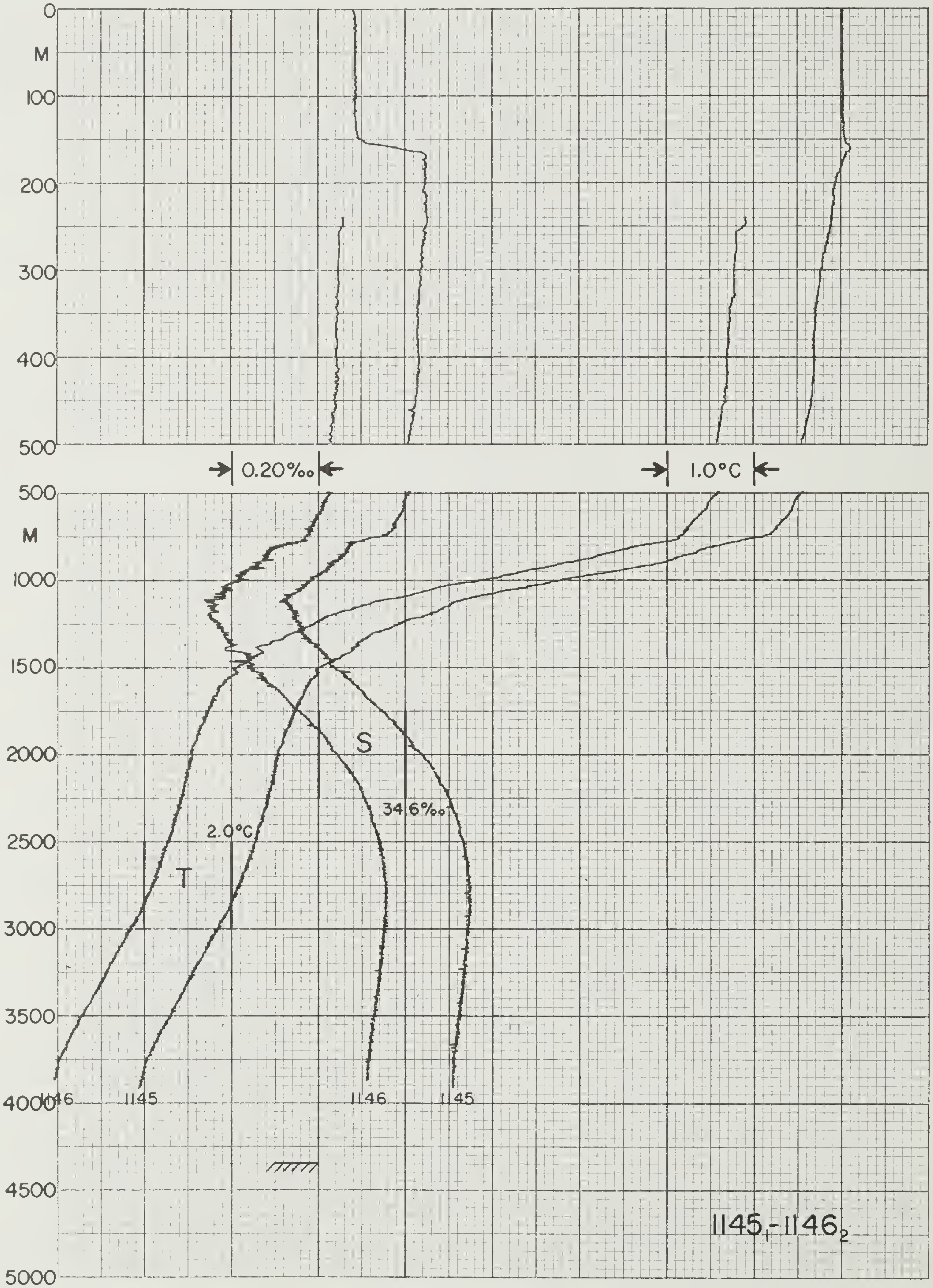
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1143	1	1	25	6	69	23.5	4505.4S	12554.9E	467	4714	11.0	9.7	358	344	0

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
STD	0	10.13	34.605	26.64	140.76	0.000	1490.4				
STD	10	10.15	34.607	26.64	141.04	0.014	1490.6				
STD	20	10.14	34.606	26.64	141.26	0.028	1490.7				
STD	30	10.14	34.606	26.64	141.49	0.042	1490.9				
STD	50	10.15	34.604	26.64	142.12	0.071	1491.2				
STD	75	10.14	34.606	26.64	142.41	0.106	1491.6				
STD	100	10.14	34.606	26.64	142.94	0.142	1492.0				
STD	125	10.05	34.610	26.66	141.73	0.178	1492.1				
STD	150	9.29	34.675	26.84	125.16	0.211	1489.8				
STD	200	9.02	34.671	26.88	122.23	0.273	1489.6				
STD	250	8.80	34.641	26.89	121.93	0.334	1489.6				
STD	300	8.67	34.628	26.90	121.94	0.395	1489.9				
STD	400	8.52	34.606	26.90	123.14	0.517	1491.0				
STD	500	8.34	34.593	26.92	123.13	0.640	1491.9				
STD	600	8.20	34.579	26.93	123.66	0.764	1493.0				
STD	700	7.64	34.492	26.95	123.14	0.887	1492.4				
STD	800	6.90	34.447	27.02	117.05	1.007	1491.1				
STD	900	5.87	34.397	27.11	107.40	1.120	1488.6				
STD	1000	4.96	34.358	27.19	99.24	1.223	1486.5				
STD	1100	4.22	34.351	27.27	91.27	1.318	1485.1				
STD	1200	3.67	34.361	27.33	84.70	1.406	1484.5				
STD	1300	3.31	34.403	27.40	77.94	1.487	1484.7				
STD	1400	3.11	34.449	27.46	72.78	1.563	1485.6				
STD	1500	2.87	34.487	27.51	67.82	1.633	1486.3				
STD	1750	2.64	34.601	27.62	58.09	1.790	1489.7				
STD	2000	2.50	34.673	27.69	52.48	1.929	1493.4				
STD	2250	2.33	34.711	27.74	48.73	2.055	1497.0				
STD	2500	2.18	34.732	27.76	46.44	2.174	1500.7				
STD	2750	2.03	34.742	27.78	44.66	2.288	1504.4				
STD	3000	1.83	34.744	27.80	42.65	2.397	1507.8				
STD	3250	1.60	34.742	27.82	40.44	2.501	1511.2				
STD	3500	1.36	34.730	27.83	38.43	2.600	1514.5				
STD	3750	1.10	34.722	27.84	35.62	2.692	1517.7				
STD	4000	0.80	34.705	27.84	32.77	2.778	1520.8				
STD	4250	0.74	34.705	27.85	32.11	2.859	1525.0				
STD	4402	0.78	34.702	27.84	33.16	2.908	1527.9				
PING	0										
COM2	1	10.20	34.606	26.63				669			
COM2	631	8.17	34.568	26.93				641			
COM2	1044	4.71	34.359	27.22				492			
COM2	2832	1.96	34.744	27.79				452			
COM2	3210	1.62	34.743	27.82				479			
COM2	4285	0.74	34.700	27.84				498			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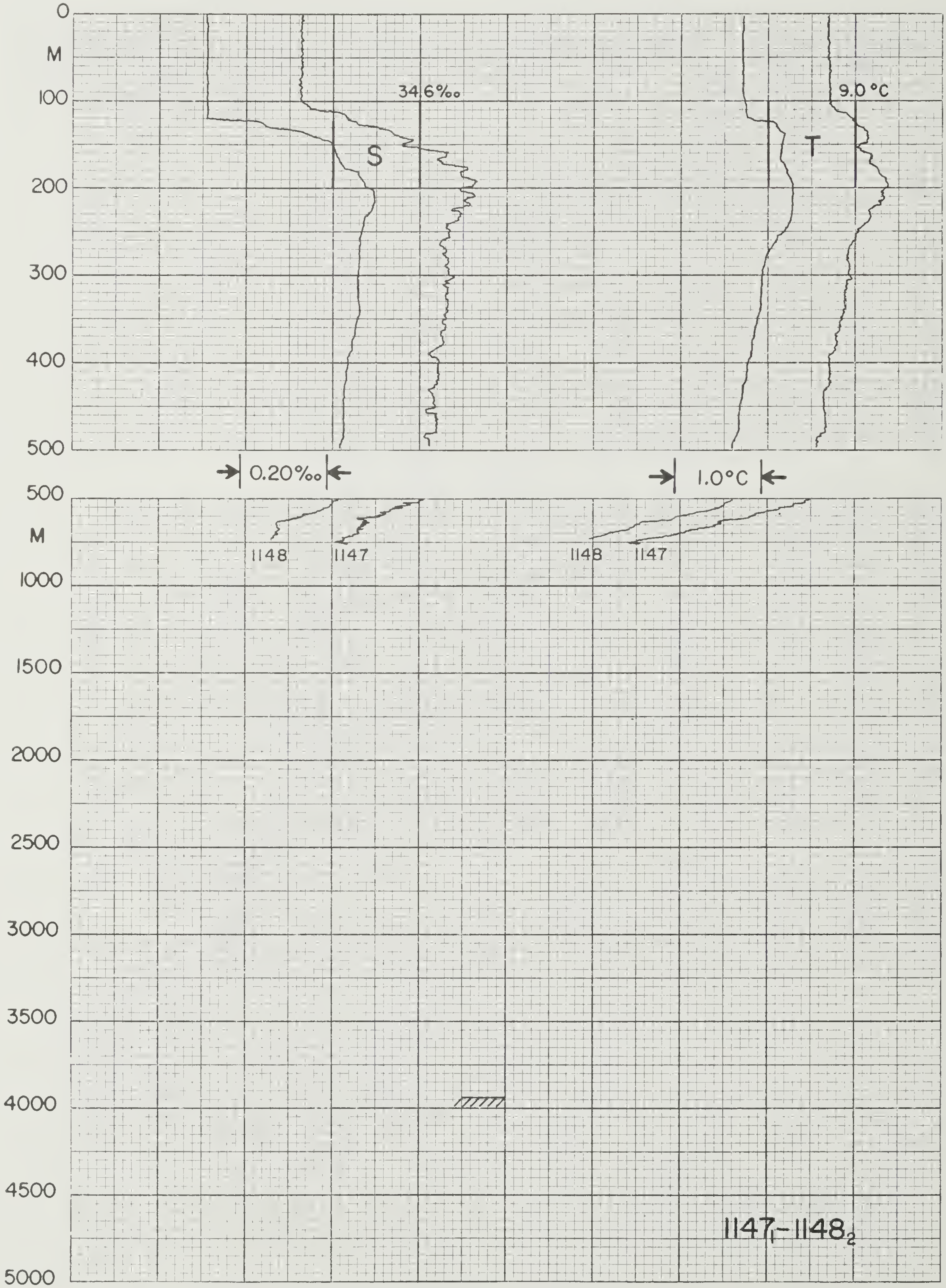
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1145	1	1	26	6	69	19.8	4704.4S	12559.2E	467	4346	9.8	8.2	347	335	1

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	8	9.04	34.495	26.74				680			
STD	0	9.01	34.479	26.73	132.32	0.000	1486.1				
STD	10	9.01	34.483	26.73	132.19	0.013	1486.2				
STD	20	9.00	34.485	26.73	132.22	0.026	1486.4				
STD	30	9.01	34.485	26.73	132.49	0.040	1486.6				
STD	50	9.01	34.485	26.73	132.91	0.066	1486.9				
STD	75	9.01	34.483	26.73	133.59	0.100	1487.3				
STD	100	9.02	34.486	26.73	134.02	0.133	1487.8				
STD	125	9.01	34.485	26.73	134.43	0.167	1488.1				
STD	150	9.04	34.493	26.74	134.68	0.200	1488.7				
STD	200	8.94	34.644	26.87	122.93	0.265	1489.3				
STD	250	8.87	34.648	26.88	122.59	0.326	1489.9				
STD	300	8.77	34.636	26.89	122.86	0.387	1490.3				
STD	400	8.69	34.629	26.90	123.97	0.511	1491.6				
STD	500	8.55	34.607	26.90	125.23	0.635	1492.7				
STD	600	8.42	34.591	26.91	126.29	0.761	1493.9				
STD	700	8.25	34.568	26.92	127.01	0.888	1494.8				
STD	800	7.65	34.469	26.93	126.64	1.015	1494.1				
STD	900	6.99	34.436	27.00	120.59	1.138	1493.1				
STD	1000	5.87	34.381	27.10	109.92	1.253	1490.3				
STD	1100	4.83	34.332	27.19	100.58	1.359	1487.6				
STD	1200	4.28	34.349	27.26	93.14	1.456	1487.1				
STD	1300	3.71	34.363	27.33	85.75	1.545	1486.3				
STD	1400	3.37	34.397	27.39	79.85	1.628	1486.6				
STD	1500	3.03	34.428	27.45	74.08	1.705	1486.9				
STD	1750	2.71	34.537	27.56	63.66	1.877	1489.9				
STD	2000	2.52	34.629	27.65	55.85	2.026	1493.4				
STD	2250	2.40	34.695	27.72	50.84	2.160	1497.3				
STD	2500	2.26	34.726	27.75	47.85	2.283	1501.0				
STD	2750	2.08	34.744	27.78	45.23	2.399	1504.6				
STD	3000	1.83	34.740	27.80	43.01	2.510	1507.8				
STD	3250	1.53	34.733	27.82	40.05	2.613	1510.9				
STD	3500	1.28	34.721	27.82	37.96	2.711	1514.2				
STD	3750	1.01	34.706	27.83	35.36	2.803	1517.3				
STD	3927	0.91	34.705	27.84	34.33	2.864	1520.0				
COM2	419	8.70	34.637	26.90				648			
COM2	1466	3.24	34.433	27.43				432			
COM2	2628	2.16	34.750	27.78				464			
COM2	3886	0.91	34.711	27.84				503			
COM2	3891	0.90	34.711	27.84				507			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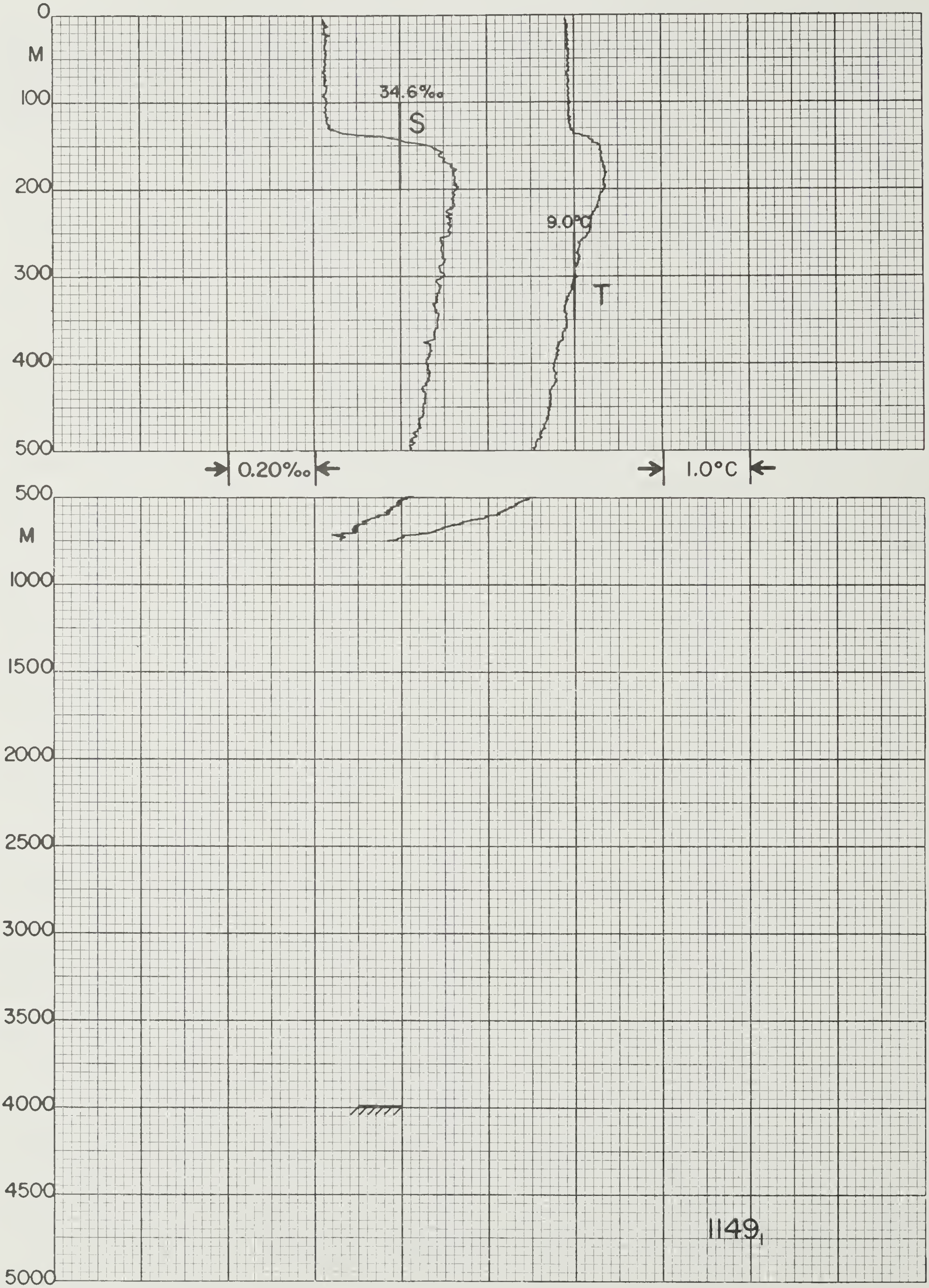
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1147	1	1	27	6	69	15.2	4859.4S	12600.0E	467	3940	3.6	2.6	266	255	0

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
STD	0	8.69	34.329	26.66	138.75	0.000	1484.7				
STD	10	8.70	34.328	26.66	139.05	0.014	1484.9				
STD	20	8.70	34.327	26.66	139.30	0.028	1485.0				
STD	30	8.69	34.329	26.66	139.27	0.042	1485.2				
STD	50	8.69	34.326	26.66	139.84	0.070	1485.5				
STD	75	8.71	34.327	26.66	140.56	0.105	1486.0				
STD	100	8.71	34.327	26.66	141.00	0.140	1486.4				
STD	125	9.00	34.447	26.71	136.95	0.175	1488.0				
STD	150	9.11	34.568	26.78	130.33	0.208	1489.0				
STD	200	9.36	34.715	26.86	124.30	0.272	1490.9				
STD	250	9.04	34.670	26.87	123.60	0.334	1490.5				
STD	300	8.93	34.666	26.89	123.08	0.395	1490.9				
STD	400	8.70	34.646	26.91	122.95	0.518	1491.7				
STD	500	8.57	34.625	26.91	124.22	0.642	1492.8				
STD	600	7.85	34.524	26.94	122.44	0.765	1491.6				
STD	700	7.06	34.458	27.00	117.05	0.885	1490.1				
STD	780	6.77	34.437	27.03	115.44	0.978	1490.2				
COM2	211		34.700					608			
COM2	218	9.28	34.695	26.85				608			
COM2	740		34.448					496			
COM2	758		34.444					498			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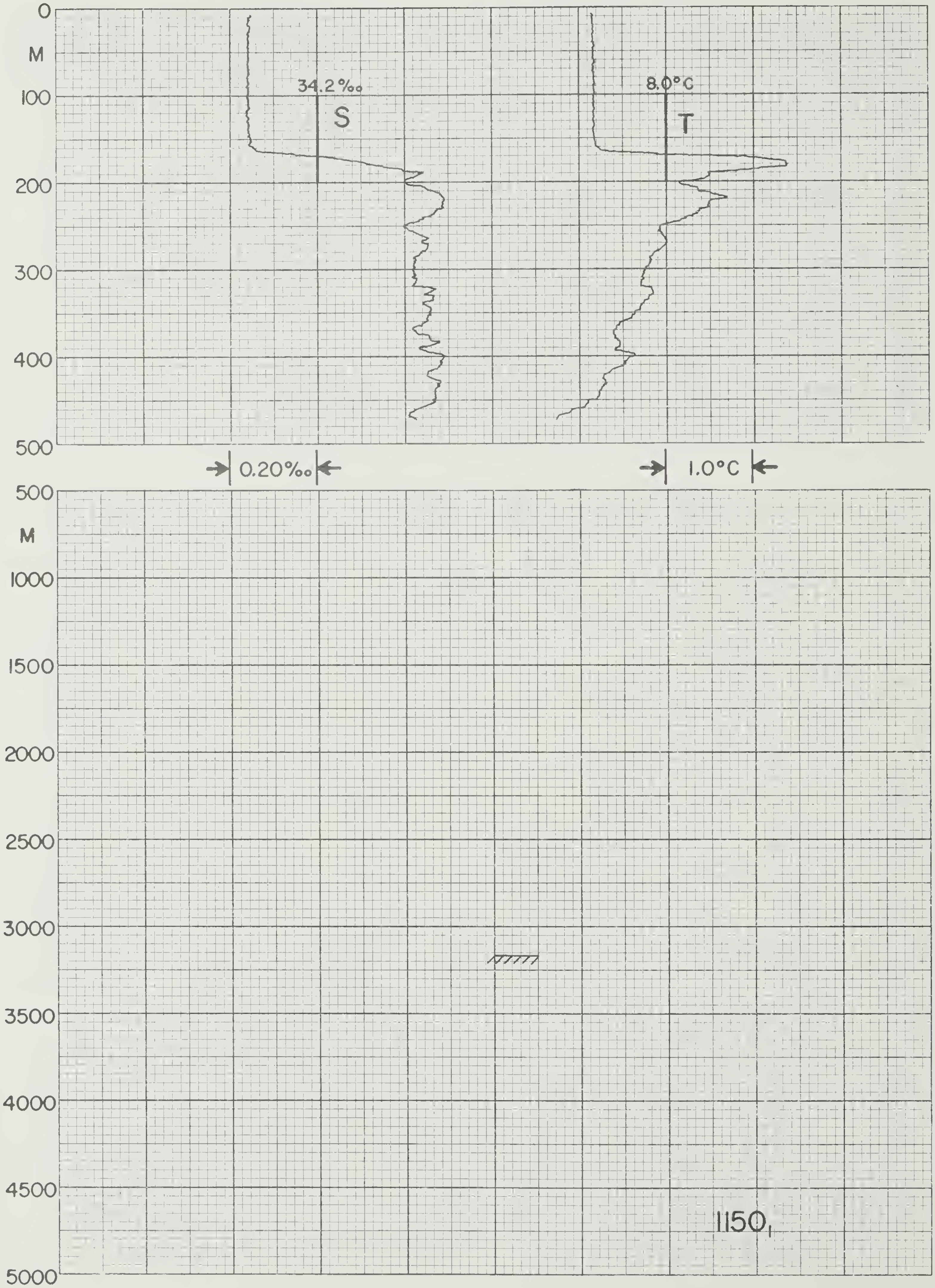
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1149	1	1	29	6	69	7.1	4850.8S	12600.0E	467	3993	6.2	0.0	55	63	0

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2· ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
STD	0	8.90	34.423	26.70	134.85	0.000	1485.6				
STD	10	8.91	34.425	26.70	135.02	0.013	1485.8				
STD	20	8.92	34.428	26.70	135.17	0.027	1486.0				
STD	30	8.94	34.430	26.70	135.49	0.041	1486.2				
STD	50	8.94	34.429	26.70	135.89	0.068	1486.5				
STD	75	8.94	34.428	26.70	136.44	0.102	1487.0				
STD	100	8.95	34.432	26.70	136.88	0.136	1487.4				
STD	125	8.95	34.433	26.70	137.26	0.170	1487.8				
STD	150	9.28	34.652	26.82	126.78	0.203	1489.8				
STD	200	9.35	34.731	26.87	122.95	0.266	1490.9				
STD	250	9.17	34.711	26.88	122.67	0.327	1491.1				
STD	300	9.01	34.701	26.90	121.88	0.388	1491.3				
STD	400	8.77	34.658	26.91	123.04	0.511	1492.0				
STD	500	8.52	34.623	26.92	123.73	0.634	1492.6				
STD	600	8.10	34.566	26.94	123.16	0.757	1492.6				
STD	700	7.38	34.487	26.98	119.65	0.879	1491.4				
STD	758	6.84	34.462	27.04	114.33	0.947	1490.2				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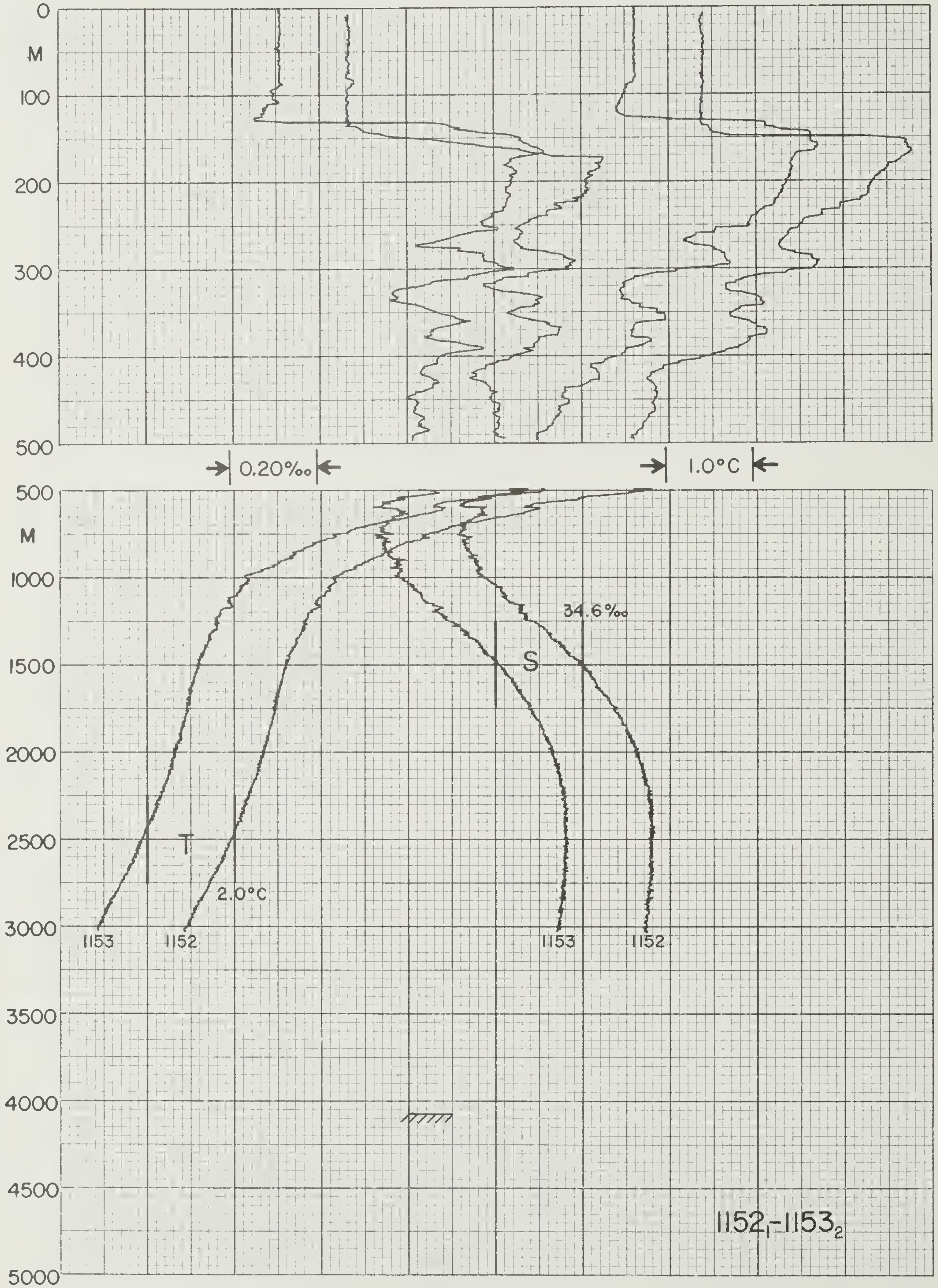
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1150	1	1	29	6	69	17.3	5000.0S	12602.0E	503	3163	6.5	5.2	27	44	0

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
STD	0	7.14	34.045	26.67	138.00	0.000	1478.3				
STD	10	7.15	34.048	26.67	138.13	0.014	1478.6				
STD	20	7.15	34.040	26.66	138.89	0.028	1478.7				
STD	30	7.16	34.041	26.66	139.00	0.042	1478.9				
STD	50	7.16	34.043	26.66	139.26	0.069	1479.3				
STD	75	7.15	34.043	26.67	139.51	0.104	1479.6				
STD	100	7.17	34.043	26.66	140.07	0.139	1480.1				
STD	125	7.16	34.040	26.66	140.61	0.174	1480.5				
STD	150	7.17	34.049	26.67	140.51	0.209	1480.9				
STD	200	8.35	34.402	26.77	131.93	0.278	1486.8				
STD	250	7.97	34.404	26.83	126.99	0.342	1486.1				
STD	300	7.76	34.423	26.88	123.38	0.405	1486.2				
STD	400	7.62	34.491	26.95	118.02	0.526	1487.4				
STD	473	6.72	34.428	27.03	111.11	0.609	1485.0				

EL 39	1151	0		29	6	69	23.8	5001.0S	12559.0E	503	3030	7.1	4.5	326	344	9

OBS	88	7.34	34.058	26.65			1480.6
OBS	190	9.37	34.630	26.79			1490.7
OBS	279	7.81	34.383	26.84			1486.0
OBS	494	6.78	34.453	27.04			1485.6
OBS	679	4.86	34.349	27.20			1480.8
OBS	979	3.10	34.351	27.38			1478.4
OBS	1862	2.42	34.698	27.72			1490.8
OBS	2049	2.26	34.727	27.75			1493.3
OBS	2778	1.59	34.750	27.82			1503.0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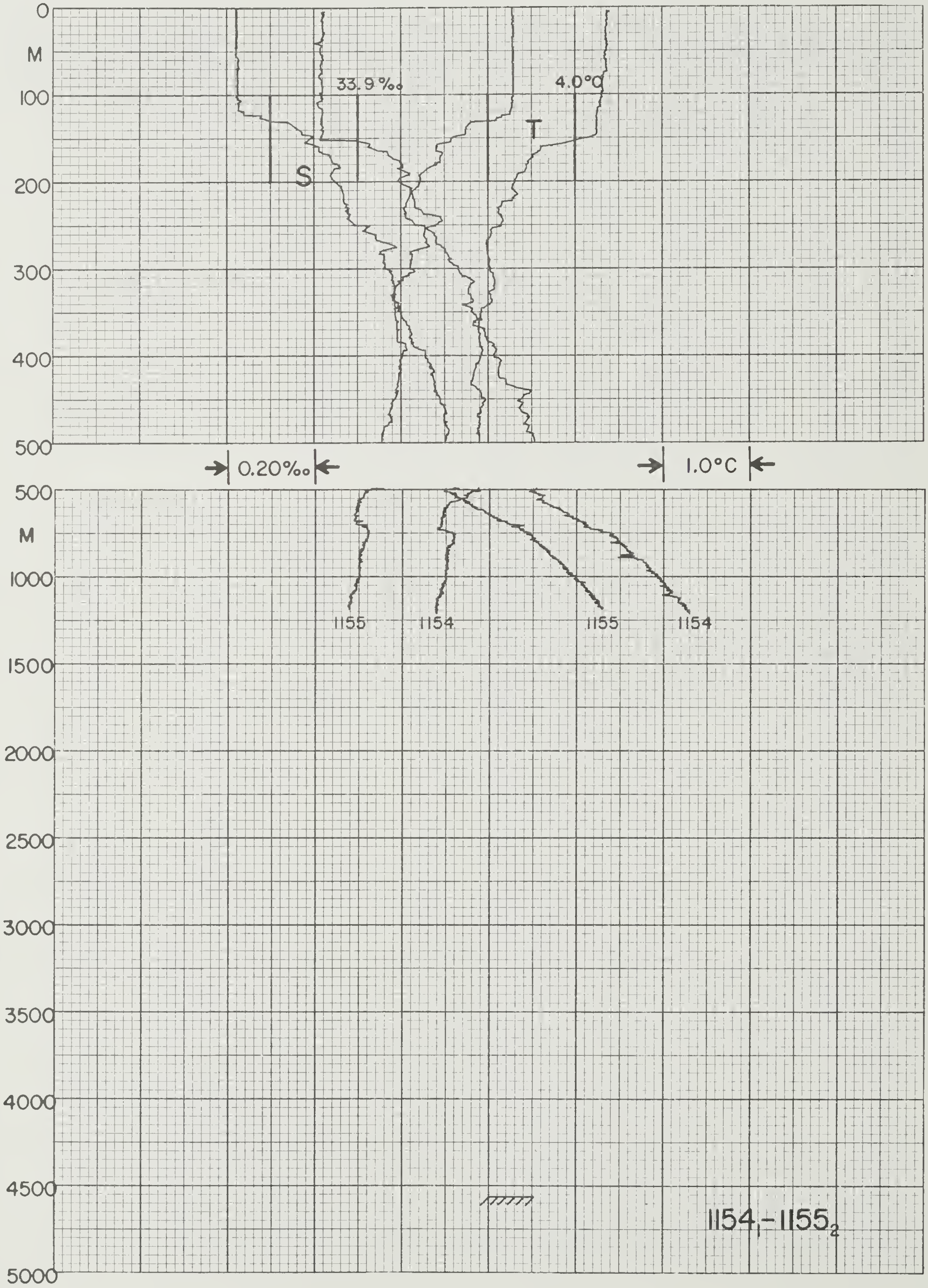
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1152	1	1	30	6	69	0.5	5001.0S	12558.2E	503	4072	7.2	4.6	335	324	0

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2· ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
STD	0	7.39	34.066	26.65	139.81	0.000	1479.4				
STD	10	7.39	34.066	26.65	139.94	0.014	1479.5				
STD	20	7.37	34.066	26.65	139.89	0.028	1479.6				
STD	30	7.38	34.070	26.66	139.87	0.042	1479.8				
STD	50	7.40	34.067	26.65	140.64	0.070	1480.2				
STD	75	7.39	34.067	26.65	140.83	0.105	1480.6				
STD	100	7.38	34.065	26.65	141.37	0.140	1481.0				
STD	125	7.38	34.066	26.65	141.66	0.176	1481.4				
STD	150	9.21	34.177	26.46	160.63	0.214	1488.9				
STD	200	9.34	34.610	26.78	131.87	0.287	1490.8				
STD	250	8.51	34.469	26.80	130.25	0.352	1488.3				
STD	300	8.65	34.565	26.85	126.34	0.416	1489.8				
STD	400	7.49	34.450	26.94	119.09	0.539	1486.8				
STD	500	6.58	34.431	27.05	109.36	0.653	1484.9				
STD	600	5.34	34.321	27.12	102.45	0.759	1481.4				
STD	700	4.61	34.327	27.21	94.02	0.858	1480.0				
STD	800	4.05	34.330	27.27	88.17	0.949	1479.4				
STD	900	3.59	34.355	27.34	81.84	1.034	1479.1				
STD	1000	3.17	34.365	27.39	77.06	1.113	1479.0				
STD	1100	3.04	34.416	27.44	72.52	1.188	1480.2				
STD	1200	2.89	34.459	27.49	68.26	1.258	1481.3				
STD	1300	2.81	34.510	27.53	64.17	1.324	1482.7				
STD	1400	2.70	34.557	27.58	60.11	1.387	1484.0				
STD	1500	2.59	34.594	27.62	56.62	1.445	1485.3				
STD	1750	2.46	34.672	27.69	50.72	1.579	1489.0				
STD	2000	2.33	34.719	27.74	46.93	1.701	1492.8				
STD	2250	2.16	34.753	27.78	43.52	1.814	1496.4				
STD	2500	1.97	34.752	27.80	42.14	1.921	1499.8				
STD	2750	1.72	34.751	27.82	39.71	2.024	1503.0				
STD	3000	1.48	34.743	27.83	37.91	2.121	1506.3				
STD	3040	1.43	34.742	27.83	37.40	2.136	1506.8				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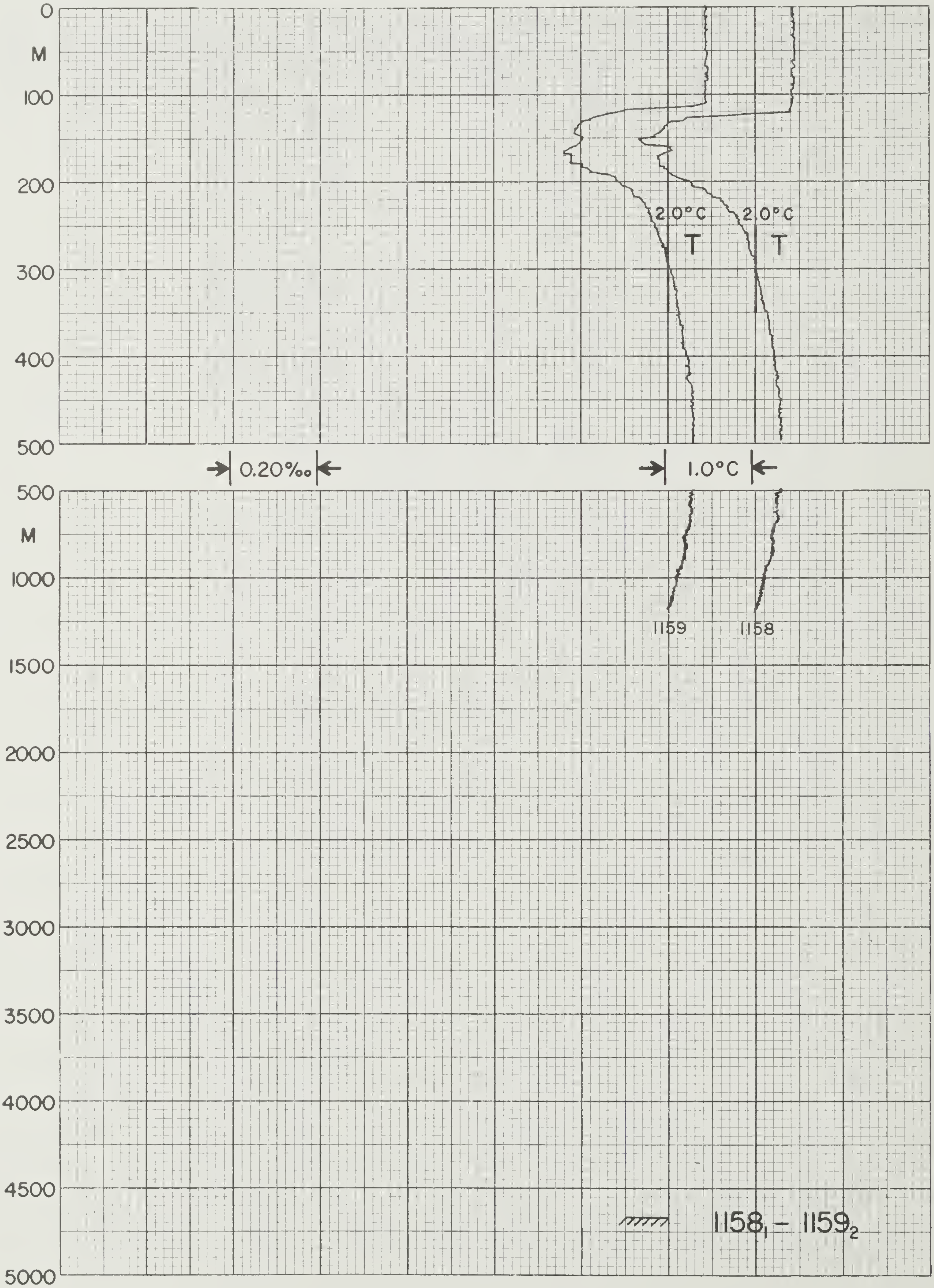
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1154	1	1	30	6	69	22.2	5109.5S	12610.1E	503	4562	6.5	4.6	337	355	0

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
STD	0	4.37	33.824	26.84	122.26	0.000	1466.8				
STD	10	4.37	33.822	26.83	122.52	0.012	1467.0				
STD	20	4.37	33.820	26.83	122.73	0.025	1467.2				
STD	30	4.36	33.825	26.84	122.34	0.037	1467.3				
STD	50	4.37	33.815	26.83	123.32	0.061	1467.6				
STD	75	4.38	33.820	26.83	123.30	0.092	1468.1				
STD	100	4.31	33.816	26.84	123.17	0.123	1468.2				
STD	125	4.25	33.819	26.84	122.52	0.154	1468.4				
STD	150	4.20	33.816	26.85	122.48	0.184	1468.6				
STD	200	3.32	33.994	27.08	100.85	0.240	1465.9				
STD	250	3.16	34.084	27.16	92.89	0.289	1466.2				
STD	300	3.02	34.132	27.21	88.37	0.334	1466.5				
STD	400	2.92	34.215	27.29	81.88	0.419	1467.8				
STD	500	2.88	34.307	27.37	75.22	0.498	1469.4				
STD	600	2.51	34.339	27.42	69.79	0.570	1469.5				
STD	700	2.45	34.415	27.49	64.04	0.637	1471.0				
STD	800	2.58	34.493	27.54	60.15	0.699	1473.4				
STD	900	2.51	34.509	27.56	58.81	0.759	1474.7				
STD	1000	2.49	34.584	27.62	53.51	0.815	1476.4				
STD	1100	2.44	34.619	27.65	50.99	0.867	1477.9				
STD	1200	2.38	34.650	27.68	48.59	0.917	1479.4				
STD	1219	2.38	34.659	27.69	47.96	0.926	1479.7				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1157	0		2	7	69	9.2	5301.3S	12610.0E	503	4679	0.0	0.0	236	334	14

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	4.16	33.830	26.86			1466.0	741			
OBS	48	4.14	33.833	26.87			1466.7	731			
OBS	88	4.12	33.838	26.87			1467.3	730			
OBS	131	4.02	33.841	26.89			1467.5	732			
OBS	174	3.63	33.994	27.05			1466.8	694			
OBS	216	3.07	34.025	27.12			1465.1	679			
OBS	257	3.93Q	34.061	27.07Q			1469.5Q	661			
OBS	342		34.158					607			
OBS	510	2.70	34.297	27.37			1468.8	516			
OBS	689	2.64	34.437	27.49			1471.7	448			
OBS	869	2.48	34.532	27.58			1474.1	436			
OBS	1052	2.43	34.616	27.65			1477.1	417			
OBS	1242	2.33	34.673	27.70			1479.9	428			
OBS	1433	2.27	34.716	27.74			1483.0	446			
ISL	0	4.16	33.830	26.86	119.70	0.000	1466.0				
ISL	10	4.16	33.830	26.86	119.72	0.012	1466.1				
ISL	20	4.15	33.831	26.86	119.71	0.024	1466.3				
ISL	30	4.15	33.832	26.87	119.71	0.036	1466.4				
ISL	50	4.14	33.833	26.87	119.67	0.060	1466.7				
ISL	75	4.13	33.837	26.87	119.53	0.090	1467.1				
ISL	100	4.10	33.839	26.88	119.33	0.120	1467.4				
ISL	125	4.05	33.840	26.88	118.90	0.149	1467.6				
ISL	150	3.88	33.908	26.95	112.30	0.178	1467.3				
ISL	200	3.30	34.013	27.09	99.27	0.231	1465.9				
ISL	250	2.89	34.054	27.16	92.64	0.279	1465.0				
ISL	300	2.85	34.110	27.21	88.50	0.324	1465.7				
ISL	400	2.79	34.209	27.30	81.03	0.409	1467.2				
ISL	500	2.71	34.289	27.37	74.86	0.487	1468.6				
ISL	600	2.68	34.370	27.43	69.14	0.559	1470.3				
ISL	700	2.63	34.444	27.50	63.72	0.626	1471.9				
ISL	800	2.54	34.498	27.55	59.29	0.687	1473.2				
ISL	900	2.47	34.547	27.59	55.49	0.744	1474.6				
ISL	1000	2.45	34.595	27.63	52.32	0.798	1476.3				
ISL	1100	2.41	34.633	27.67	49.60	0.849	1477.8				
ISL	1200	2.35	34.662	27.69	47.33	0.898	1479.3				
ISL	1300	2.31	34.688	27.72	45.51	0.944	1480.8				
ISL	1400	2.28	34.710	27.74	44.05	0.989	1482.4				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CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1158	1	1	3	7	69	17.1	5507.4S	12601.5E	503	4664	1.2	0.6	335	274	0

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
STD	0	2.44									
STD	10	2.44									
STD	20	2.45									
STD	30	2.44									
STD	50	2.45									
STD	75	2.42									
STD	100	2.42									
STD	125	1.81									
STD	150	0.83									
STD	200	1.21									
STD	250	1.82									
STD	300	2.00									
STD	400	2.21									
STD	500	2.28									
STD	600	2.24									
STD	700	2.22									
STD	800	2.20									
STD	900	2.17									
STD	1000	2.11									
STD	1100	2.05									
STD	1200	1.99									
STD	1205	1.99									
COM2	7	2.42	33.801	27.00				749			
COM2	521	2.25	34.563	27.62				407			
COM2	811	2.18	34.678	27.72				428			
COM2	1018	2.05	34.717	27.76				438			
COM2	1194	1.98	34.742	27.79				452			

EL 39	1160	0		3	7	69	20.1	5509.7S	12603.9E	503	4671	1.0	0.2	256	294	7

OBS	1130	2.02	34.732	27.78			1476.8	449			
OBS	1421	1.84	34.751	27.81			1480.9	466			
OBS	1810	1.51	34.749	27.83			1486.1	476			
OBS	2297	1.11	34.726	27.84			1492.6	487			
OBS	2783	0.68	34.700	27.85			1499.1	490			
OBS	3268	0.38	34.693	27.86			1506.2	512			
OBS	3754	0.20	34.687	27.86			1514.0	525			

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1161	0		5	7	69	20.6	5748.3S	12626.9E	503	4680	0.3	3.3	334	303	22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	1.34	33.829	27.10			1453.8	763			
OBS	46	1.28	33.831	27.11			1454.2	767			
OBS	92	1.28	33.831	27.11			1455.0	767			
OBS	93	1.39	33.835	27.11			1455.5	761			
OBS	139	0.79	33.964	27.25			1453.7	721			
OBS	186	1.31	34.207	27.41			1457.2	578			
OBS	188	1.34	34.212	27.41			1457.4	577			
OBS	234	1.78	34.330	27.47			1460.2	507			
OBS	282	2.00	34.418	27.53			1462.1	457			
OBS	379	2.06	34.492	27.58			1464.1	432			
OBS	511	2.23	34.597	27.65			1467.1	449			
OBS	576	2.22	34.623	27.67			1468.2	414			
OBS	676	2.21	34.665	27.71			1469.9	421			
OBS	775	2.14	34.688	27.73			1471.3	434			
OBS	980	2.03	34.727	27.77			1474.2				
OBS	1175	1.96	34.748	27.79			1477.2				
OBS	1491	1.68	34.752	27.82			1481.3	470			
OBS	1967		34.737					491			
OBS	2002	1.26	34.737	27.84			1488.1				
OBS	2451	0.89	34.719	27.85			1494.1	503			
OBS	3356	0.30	34.689	27.86			1507.2	529			
OBS	4040	0.08	34.682	27.87			1518.2	549			
ISL	0	1.34	33.829	27.10	96.74	0.000	1453.7				
ISL	10	1.32	33.829	27.11	96.60	0.010	1453.8				
ISL	20	1.30	33.830	27.11	96.48	0.019	1453.9				
ISL	30	1.29	33.830	27.11	96.37	0.029	1454.0				
ISL	50	1.28	33.831	27.11	96.25	0.048	1454.3				
ISL	75	1.26	33.831	27.11	96.20	0.072	1454.6				
ISL	100	1.32	33.858	27.13	94.53	0.096	1455.3				
ISL	125	0.89	33.923	27.21	86.87	0.119	1453.9				
ISL	150	0.83	34.012	27.28	79.80	0.140	1454.2				
ISL	200	1.49	34.242	27.43	66.95	0.176	1458.3				
ISL	250	1.88	34.363	27.49	60.87	0.208	1461.0				
ISL	300	2.01	34.432	27.54	56.95	0.238	1462.5				
ISL	400	2.08	34.508	27.59	52.27	0.292	1464.5				
ISL	500	2.22	34.588	27.65	48.02	0.342	1466.9				
ISL	600	2.22	34.633	27.68	45.12	0.389	1468.6				
ISL	700	2.19	34.672	27.72	42.46	0.433	1470.2				
ISL	800	2.12	34.693	27.74	40.72	0.474	1471.6				
ISL	900	2.07	34.714	27.76	39.15	0.514	1473.1				
ISL	1000	2.02	34.730	27.78	37.94	0.553	1474.5				
ISL	1100	1.98	34.742	27.79	37.13	0.590	1476.1				
ISL	1200	1.94	34.750	27.80	36.53	0.627	1477.6				
ISL	1300	1.85	34.754	27.81	35.74	0.663	1478.8				
ISL	1400	1.76	34.753	27.81	35.23	0.699	1480.1				
ISL	1500	1.67	34.752	27.82	34.75	0.734	1481.4				
ISL	1750	1.47	34.743	27.83	34.02	0.820	1484.7				
ISL	2000	1.26	34.737	27.84	32.85	0.903	1488.1				
ISL	2250	1.06	34.727	27.84	31.75	0.984	1491.4				
ISL	2500	0.85	34.717	27.85	30.48	1.062	1494.8				
ISL	2750	0.66	34.708	27.85	29.19	1.137	1498.3				
ISL	3000	0.50	34.698	27.86	27.94	1.208	1501.8				
ISL	3250	0.35	34.691	27.86	26.73	1.276	1505.5				
ISL	3500	0.24	34.686	27.86	25.59	1.342	1509.4				
ISL	3750	0.15	34.683	27.86	24.59	1.404	1513.4				
ISL	4000	0.09	34.682	27.87	23.75	1.465	1517.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1162	0		7	7	69	18.0	5734.9S	13400.0E	502	4535	-1.6	-6.5	255	244	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	1.92	33.805	27.04			1456.3	760			
OBS	38	1.92	33.804	27.04			1456.9	764			
OBS	85	1.89	33.821	27.06			1457.6	763			
OBS	132	1.33	34.000	27.24			1456.1	705			
OBS	179	1.39	34.073	27.30			1457.2	663			
OBS	224	2.02	34.249	27.39			1461.0	533			
OBS	270	2.03	34.314	27.44			1461.9	500			
OBS	362	2.25	34.422	27.51			1464.5	446			
OBS	545	2.25	34.546	27.61			1467.7	418			
OBS	733	2.25	34.635	27.68			1471.0	419			
OBS	923	2.19	34.690	27.73			1474.0	433			
OBS	1101	2.10	34.717	27.76			1476.6	447			
OBS	1114	2.08	34.724	27.77			1476.7	445			
OBS	1391	1.93	34.746	27.80			1480.7	471			
OBS	1662	1.71	34.747	27.81			1484.4	478			
OBS	2053	1.36	34.736	27.83			1489.4	489			
OBS	2544	0.95	34.713	27.84			1496.0	498			
OBS	3038	0.60	34.697	27.85			1503.0	511			
OBS	3534	0.33	34.684	27.85			1510.5	527			
OBS	3931	0.18	34.678	27.86			1516.8	537			
OBS	4230	0.04	34.675	27.86			1521.5	550			
OBS	4428	-0.06	34.675	27.87			1524.6	565			
OBS	4528	-0.07	34.675	27.87			1526.3	569			
ISL	0	1.92	33.805	27.04	102.50	0.000	1456.3				
ISL	10	1.92	33.803	27.04	102.73	0.010	1456.5				
ISL	20	1.92	33.802	27.04	102.83	0.021	1456.6				
ISL	30	1.92	33.803	27.04	102.77	0.031	1456.8				
ISL	50	1.92	33.806	27.05	102.57	0.051	1457.1				
ISL	75	1.91	33.809	27.05	102.37	0.077	1457.5				
ISL	100	1.75	33.873	27.11	96.44	0.102	1457.3				
ISL	125	1.38	33.980	27.22	85.78	0.125	1456.2				
ISL	150	1.28	34.034	27.27	81.06	0.145	1456.2				
ISL	200	1.67	34.153	27.34	75.01	0.184	1458.9				
ISL	250	2.03	34.288	27.42	67.70	0.220	1461.5				
ISL	300	2.09	34.352	27.47	63.59	0.253	1462.7				
ISL	400	2.25	34.457	27.54	57.61	0.314	1465.2				
ISL	500	2.25	34.521	27.59	53.31	0.369	1466.9				
ISL	600	2.25	34.576	27.63	49.69	0.421	1468.7				
ISL	700	2.25	34.622	27.67	46.75	0.469	1470.4				
ISL	800	2.23	34.658	27.70	44.42	0.514	1472.0				
ISL	900	2.20	34.685	27.73	42.56	0.558	1473.6				
ISL	1000	2.16	34.704	27.74	41.25	0.600	1475.1				
ISL	1100	2.10	34.717	27.76	40.19	0.640	1476.6				
ISL	1200	2.04	34.740	27.78	38.33	0.680	1478.0				
ISL	1300	1.99	34.742	27.79	37.98	0.718	1479.4				
ISL	1400	1.92	34.746	27.80	37.48	0.756	1480.9				
ISL	1500	1.85	34.748	27.80	36.93	0.793	1482.2				
ISL	1750	1.63	34.746	27.82	35.68	0.884	1485.5				
ISL	2000	1.41	34.738	27.83	34.43	0.971	1488.7				
ISL	2250	1.19	34.727	27.83	33.33	1.056	1492.0				
ISL	2500	0.98	34.715	27.84	32.28	1.138	1495.4				
ISL	2750	0.80	34.706	27.84	30.99	1.217	1498.9				
ISL	3000	0.62	34.698	27.85	29.62	1.293	1502.4				
ISL	3250	0.47	34.691	27.85	28.40	1.365	1506.1				
ISL	3500	0.35	34.685	27.85	27.19	1.435	1509.9				
ISL	3750	0.25	34.680	27.86	26.25	1.502	1513.9				
ISL	4000	0.15	34.677	27.86	25.01	1.566	1517.9				
ISL	4500	-0.07	34.675	27.87	21.70	1.682	1525.8				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1163	0		9	7	69	1.7	5510.0S	13351.5E	502	4070	4.2	3.3	348	325	14

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	2.81	33.797	26.97			1460.2	739			
OBS	42	2.81	33.796	26.96			1460.8	731			
OBS	78	2.82	33.796	26.96			1461.5	735			
OBS	112	2.83	33.811	26.97			1462.1	728			
OBS	150	2.10	33.992	27.18			1459.8	679			
OBS	187	2.19	34.062	27.23			1460.9	645			
OBS	224	2.44	34.134	27.27			1462.7	602			
OBS	298	2.39	34.219	27.34			1463.8	545			
OBS	374	2.38	34.285	27.39			1465.1	509			
OBS	448	2.36	34.353	27.45			1466.4	473			
OBS	605	2.41	34.431	27.51			1469.3	443			
OBS	771	2.38	34.561	27.61			1472.1	408			
OBS	951	2.30	34.631	27.67			1474.9	411			
OBS	1243	2.19	34.710	27.75			1479.4	441			
ISL	0	2.81	33.797	26.97	109.96	0.000	1460.2				
ISL	10	2.81	33.797	26.97	110.03	0.011	1460.3				
ISL	20	2.81	33.796	26.97	110.11	0.022	1460.5				
ISL	30	2.81	33.796	26.96	110.19	0.033	1460.6				
ISL	50	2.81	33.796	26.96	110.32	0.055	1461.0				
ISL	75	2.82	33.796	26.96	110.54	0.083	1461.4				
ISL	100	2.83	33.800	26.97	110.40	0.110	1461.9				
ISL	125	2.64	33.869	27.04	103.71	0.137	1461.6				
ISL	150	2.10	33.992	27.18	90.23	0.161	1459.8				
ISL	200	2.26	34.087	27.24	84.56	0.205	1461.5				
ISL	250	2.42	34.172	27.30	79.79	0.246	1463.1				
ISL	300	2.39	34.221	27.34	76.04	0.285	1463.9				
ISL	400	2.37	34.309	27.41	69.82	0.358	1465.6				
ISL	500	2.37	34.381	27.47	64.91	0.425	1467.3				
ISL	600	2.41	34.428	27.50	62.23	0.489	1469.2				
ISL	700	2.40	34.505	27.56	56.91	0.548	1470.9				
ISL	800	2.37	34.576	27.62	51.80	0.603	1472.6				
ISL	900	2.32	34.614	27.66	49.03	0.653	1474.1				
ISL	1000	2.28	34.648	27.69	46.62	0.701	1475.6				
ISL	1100	2.24	34.678	27.72	44.51	0.747	1477.2				
ISL	1200	2.21	34.702	27.74	42.86	0.790	1478.7				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1164	0		10	7	69	14.8	5200.8S	13402.2E	502	2889	2.5	-3.5	284	282	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	6.35	34.093	26.81			1475.3	674			
OBS	51	6.35	34.089	26.81			1476.1	670			
OBS	96	6.37	34.097	26.81			1476.9	672			
OBS	151	6.36	34.092	26.81			1477.8	671			
OBS	199	7.08	34.292	26.87			1481.7	608			
OBS	251	6.52	34.292	26.95			1480.3	613			
OBS	289	6.48	34.300	26.96			1480.8	532			
OBS	350	6.18	34.338	27.03			1480.7	554			
OBS	400	5.97	34.357	27.07			1480.7	530			
OBS	483	5.20	34.323	27.14			1478.9	511			
OBS	601	4.34	34.310	27.22			1477.2	515			
OBS	679	3.85	34.312	27.28			1476.5	443Q			
OBS	802	3.34	34.343	27.35			1476.4	484			
OBS	902	3.13	34.383	27.40			1477.2	462			
OBS	983	2.99	34.428	27.45			1478.0				
OBS	1105	2.80	34.475	27.51			1479.3	426			
OBS	1207	2.65	34.527	27.56			1480.5	417			
OBS	1310	2.61	34.566	27.60			1482.1	403			
OBS	1400	2.52	34.609	27.64			1483.2	414			
OBS	1697	2.35	34.699	27.72			1487.6	429			
OBS	1988	2.21	34.737	27.77			1492.0				
OBS	2272	2.03	34.760	27.80			1496.1	456			
OBS	2763	1.49	34.746	27.83			1502.2	480			
ISL	0	6.35	34.093	26.81	124.36	0.000	1475.3				
ISL	10	6.35	34.092	26.81	124.59	0.012	1475.4				
ISL	20	6.35	34.091	26.81	124.79	0.025	1475.6				
ISL	30	6.35	34.090	26.81	125.00	0.037	1475.8				
ISL	50	6.35	34.089	26.81	125.34	0.062	1476.1				
ISL	75	6.36	34.093	26.81	125.49	0.094	1476.6				
ISL	100	6.37	34.097	26.81	125.67	0.125	1477.0				
ISL	125	6.37	34.095	26.81	126.12	0.157	1477.4				
ISL	150	6.36	34.091	26.81	126.68	0.188	1477.8				
ISL	200	7.08	34.293	26.87	121.88	0.250	1481.7				
ISL	250	6.53	34.292	26.95	115.30	0.310	1480.3				
ISL	300	6.42	34.306	26.97	113.68	0.367	1480.8				
ISL	400	5.97	34.357	27.07	105.32	0.476	1480.7				
ISL	500	5.06	34.319	27.15	98.03	0.578	1478.6				
ISL	600	4.35	34.310	27.22	91.29	0.673	1477.3				
ISL	700	3.74	34.315	27.29	84.92	0.761	1476.4				
ISL	800	3.35	34.342	27.35	79.33	0.843	1476.4				
ISL	900	3.13	34.382	27.40	74.76	0.920	1477.2				
ISL	1000	2.96	34.436	27.46	69.59	0.992	1478.2				
ISL	1100	2.81	34.473	27.50	65.74	1.060	1479.3				
ISL	1200	2.66	34.524	27.56	60.90	1.123	1480.4				
ISL	1300	2.62	34.562	27.59	58.20	1.183	1481.9				
ISL	1400	2.52	34.609	27.64	54.18	1.239	1483.2				
ISL	1500	2.45	34.647	27.67	51.13	1.292	1484.7				
ISL	1750	2.32	34.709	27.73	46.37	1.413	1488.4				
ISL	2000	2.20	34.738	27.77	43.96	1.526	1492.2				
ISL	2250	2.05	34.759	27.80	41.60	1.633	1495.8				
ISL	2500	1.81	34.761	27.82	39.37	1.735	1499.1				
ISL	2750	1.51	34.747	27.83	37.24	1.830	1502.0				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1165	0		11	7	69	16.5	4955.4S	13400.9E	466	3266	6.5	5.6	84	42	18

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	6.09	33.967	26.75			1474.1	695			
OBS	49	6.06	33.967	26.75			1474.8	688			
OBS	98	5.99	33.963	26.76			1475.3	691			
OBS	147	6.56	34.111	26.80			1478.6	663			
OBS	196	7.06	34.329	26.90			1481.6	617			
OBS	245	6.74	34.318	26.94			1481.2	612			
OBS	294	6.24	34.281	26.98			1479.9	609			
OBS	393		34.376					524			
OBS	591	4.66	34.341	27.21			1478.5	497			
OBS	789	3.43	34.334	27.34			1476.6	490			
OBS	987	2.82	34.398	27.44			1477.4	457			
OBS	1187	2.66	34.515	27.55			1480.2	416			
OBS	1364	2.57	34.591	27.62			1482.9	413			
OBS	1562	2.47	34.653	27.68			1485.9	416			
OBS	1858	2.31	34.721	27.74			1490.4	430			
OBS	2255	1.97	34.756	27.80			1495.7	458			
OBS	2753	1.56	34.750	27.83			1502.5	473			
OBS	3253	1.17	34.732	27.84			1509.5	480			
ISL	0	6.09	33.967	26.75	130.61	0.000	1474.1				
ISL	10	6.08	33.967	26.75	130.64	0.013	1474.2				
ISL	20	6.08	33.967	26.75	130.70	0.026	1474.3				
ISL	30	6.07	33.967	26.75	130.76	0.039	1474.5				
ISL	50	6.06	33.967	26.75	130.87	0.065	1474.8				
ISL	75	6.02	33.965	26.75	130.92	0.098	1475.0				
ISL	100	6.01	33.966	26.76	130.92	0.131	1475.4				
ISL	125	6.31	34.026	26.77	130.53	0.163	1477.1				
ISL	150	6.59	34.122	26.80	127.35	0.196	1478.8				
ISL	200	7.06	34.335	26.91	118.45	0.257	1481.7				
ISL	250	6.70	34.315	26.94	115.82	0.316	1481.1				
ISL	300	6.20	34.282	26.98	112.44	0.373	1479.9				
ISL	400	5.70	34.377	27.12	100.35	0.479	1479.6				
ISL	500	5.17	34.356	27.17	96.68	0.578	1479.1				
ISL	600	4.61	34.340	27.22	92.09	0.672	1478.4				
ISL	700	3.99	34.329	27.28	86.74	0.762	1477.5				
ISL	800	3.38	34.336	27.34	80.18	0.845	1476.6				
ISL	900	3.02	34.362	27.40	75.02	0.923	1476.8				
ISL	1000	2.80	34.404	27.45	70.13	0.995	1477.5				
ISL	1100	2.72	34.467	27.51	65.17	1.063	1478.9				
ISL	1200	2.65	34.521	27.56	61.05	1.126	1480.4				
ISL	1300	2.60	34.566	27.60	57.72	1.185	1482.0				
ISL	1400	2.55	34.604	27.63	54.92	1.242	1483.5				
ISL	1500	2.50	34.636	27.66	52.55	1.295	1485.0				
ISL	1750	2.37	34.700	27.72	47.62	1.421	1488.8				
ISL	2000	2.19	34.740	27.77	43.68	1.535	1492.3				
ISL	2250	1.97	34.756	27.80	40.90	1.640	1495.6				
ISL	2500	1.77	34.757	27.82	39.14	1.740	1499.0				
ISL	2750	1.56	34.750	27.83	37.75	1.837	1502.5				
ISL	3000	1.36	34.743	27.84	36.28	1.929	1505.9				
ISL	3250	1.17	34.732	27.84	35.00	2.018	1509.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1166	0		12	7	69	16.7	4726.6S	13402.4E	466	4115	7.1	6.1	265	244	20

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	8.73	34.410	26.72			1484.9	654			
OBS	51	8.76	34.407	26.71			1485.9	644			
OBS	101	8.72	34.407	26.72			1486.5	647			
OBS	152	8.77	34.438	26.74			1487.6	641			
OBS	202	8.88	34.638	26.87			1489.1	601			
OBS	252	8.78	34.640	26.89			1489.6	600			
OBS	302	8.69	34.635	26.90			1490.0	607			
OBS	402	8.41	34.599	26.92			1490.6	603			
OBS	602	7.87	34.530	26.95			1491.7	594			
OBS	802	6.47	34.427	27.06			1489.4	497			
OBS	1002	4.62	34.438	27.30			1485.3	477			
OBS	1202	3.62	34.370	27.35			1484.3	464			
OBS	1331	3.18	34.413	27.42			1484.7	445			
OBS	1521	2.83	34.494	27.52			1486.5	417			
OBS	1807	2.56	34.609	27.63			1490.3	408			
OBS	2187	2.36	34.711	27.73			1496.1	410			
OBS	2569	2.12	34.743	27.78			1501.6	426			
OBS	3053	1.77	34.750	27.81			1508.5	461			
OBS	3540	1.38	34.737	27.83			1515.3	472			
OBS	4029	1.11	34.723	27.84			1522.7	478			
ISL	0	8.73	34.410	26.72	133.28	0.000	1484.9				
ISL	10	8.74	34.409	26.72	133.63	0.013	1485.1				
ISL	20	8.75	34.408	26.72	134.00	0.027	1485.3				
ISL	30	8.75	34.408	26.71	134.33	0.040	1485.5				
ISL	50	8.76	34.407	26.71	134.87	0.067	1485.9				
ISL	75	8.74	34.406	26.71	135.16	0.101	1486.2				
ISL	100	8.72	34.407	26.72	135.24	0.135	1486.5				
ISL	125	8.73	34.413	26.72	135.42	0.168	1487.0				
ISL	150	8.77	34.434	26.73	134.90	0.202	1487.6				
ISL	200	8.88	34.634	26.87	122.80	0.267	1489.1				
ISL	250	8.78	34.640	26.89	121.81	0.328	1489.5				
ISL	300	8.69	34.635	26.90	121.72	0.389	1490.0				
ISL	400	8.42	34.600	26.92	121.92	0.511	1490.5				
ISL	500	8.14	34.565	26.93	122.09	0.633	1491.1				
ISL	600	7.88	34.531	26.94	122.27	0.755	1491.7				
ISL	700	7.28	34.483	26.99	118.42	0.875	1491.0				
ISL	800	6.49	34.427	27.06	112.49	0.991	1489.4				
ISL	900	5.61	34.436	27.18	100.97	1.097	1487.6				
ISL	1000	4.63	34.438	27.29	89.18	1.192	1485.3				
ISL	1100	4.03	34.411	27.34	84.57	1.279	1484.4				
ISL	1200	3.63	34.370	27.35	83.47	1.363	1484.3				
ISL	1300	3.27	34.401	27.40	77.61	1.444	1484.5				
ISL	1400	3.02	34.443	27.46	72.22	1.519	1485.2				
ISL	1500	2.86	34.485	27.51	67.81	1.589	1486.2				
ISL	1750	2.60	34.588	27.61	58.57	1.747	1489.5				
ISL	2000	2.46	34.669	27.69	52.26	1.885	1493.2				
ISL	2250	2.32	34.720	27.74	47.98	2.010	1497.0				
ISL	2500	2.17	34.740	27.77	45.65	2.128	1500.6				
ISL	2750	1.99	34.749	27.79	43.68	2.239	1504.2				
ISL	3000	1.81	34.750	27.81	41.97	2.346	1507.7				
ISL	3250	1.62	34.745	27.82	40.39	2.449	1511.2				
ISL	3500	1.41	34.738	27.83	38.55	2.548	1514.7				
ISL	3750	1.25	34.731	27.83	37.34	2.643	1518.4				
ISL	4000	1.12	34.724	27.84	36.38	2.735	1522.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1167	0		14	7	69	3.6	4510.0S	13346.0E	466	4544	9.5	5.4	305	325	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	9.43	34.488	26.67			1487.7				
OBS	48	9.43	34.485	26.67			1488.4				
OBS	97	9.45	34.497	26.67			1489.3				
OBS	146	9.08	34.658	26.86			1489.0				
OBS	195	8.91	34.660	26.89			1489.1				
OBS	244	8.77	34.644	26.90			1489.4				
OBS	293	8.65	34.628	26.90			1489.7				
OBS	392	8.41	34.598	26.92			1490.4				
OBS	589	7.94	34.541	26.94			1491.8				
OBS	787	6.67	34.442	27.05			1490.0				
OBS	986	4.75	34.353	27.21			1485.4				
OBS	1185	3.59	34.374	27.35			1483.9				
OBS	1212	3.50	34.392	27.38			1484.0				
OBS	1406	3.02	34.474	27.49			1485.3				
OBS	1600	2.69	34.550	27.58			1487.2				
OBS	1892	2.50	34.659	27.68			1491.5				
OBS	2184	2.33	34.714	27.74			1495.8				
OBS	2478	2.13	34.719	27.76			1500.0				
OBS	2773	1.94	34.712	27.77			1504.2				
OBS	3170	1.65	34.743	27.81			1509.9				
OBS	3566	1.35	34.732	27.83			1515.5				
OBS	4063	0.93	34.718	27.84			1522.4				
OBS	4560	0.87	34.708	27.84			1530.9				
ISL	0	9.43	34.488	26.67	138.18	0.000	1487.6				
ISL	10	9.43	34.485	26.67	138.58	0.014	1487.8				
ISL	20	9.43	34.484	26.66	138.93	0.028	1488.0				
ISL	30	9.43	34.483	26.66	139.12	0.042	1488.1				
ISL	50	9.43	34.485	26.67	139.42	0.069	1488.5				
ISL	75	9.44	34.487	26.67	139.95	0.104	1488.9				
ISL	100	9.44	34.503	26.68	139.22	0.139	1489.3				
ISL	125	9.22	34.593	26.79	129.57	0.173	1489.0				
ISL	150	9.06	34.663	26.87	122.44	0.204	1488.9				
ISL	200	8.89	34.658	26.89	121.22	0.265	1489.1				
ISL	250	8.75	34.642	26.90	121.21	0.326	1489.4				
ISL	300	8.63	34.626	26.90	121.49	0.387	1489.8				
ISL	400	8.39	34.596	26.92	121.82	0.508	1490.4				
ISL	500	8.15	34.567	26.93	122.09	0.630	1491.1				
ISL	600	7.89	34.536	26.95	122.03	0.752	1491.7				
ISL	700	7.32	34.485	26.99	118.89	0.873	1491.1				
ISL	800	6.56	34.436	27.06	112.97	0.989	1489.7				
ISL	900	5.57	34.388	27.14	104.00	1.097	1487.3				
ISL	1000	4.64	34.350	27.22	95.71	1.197	1485.1				
ISL	1100	3.98	34.343	27.29	89.01	1.289	1484.1				
ISL	1200	3.54	34.384	27.37	81.38	1.375	1483.9				
ISL	1300	3.25	34.431	27.43	75.15	1.453	1484.4				
ISL	1400	3.03	34.472	27.48	70.25	1.526	1485.2				
ISL	1500	2.84	34.511	27.53	65.66	1.593	1486.1				
ISL	1750	2.59	34.607	27.63	56.99	1.747	1489.4				
ISL	2000	2.44	34.685	27.71	50.72	1.881	1493.1				
ISL	2250	2.29	34.719	27.75	47.59	2.004	1496.7				
ISL	2500	2.12	34.719	27.76	46.47	2.122	1500.3				
ISL	2750	1.96	34.712	27.77	45.84	2.237	1503.9				
ISL	3000	1.78	34.731	27.80	42.87	2.348	1507.4				
ISL	3250	1.59	34.741	27.82	40.34	2.452	1511.0				
ISL	3500	1.40	34.734	27.83	38.78	2.551	1514.5				
ISL	3750	1.20	34.727	27.83	36.81	2.646	1518.0				
ISL	4000	0.99	34.720	27.84	34.53	2.735	1521.5				
ISL	4500	0.86	34.709	27.84	34.08	2.906	1529.8				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1168	0		18	7	69	23.3	4711.1S	14219.2E	465	4309	9.6	8.5	337	355	21

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10²·ml/l	PHOS 10²·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	9.90	34.701	26.76			1489.7				
OBS	51	9.83	34.702	26.77			1490.2				
OBS	91	9.83	34.700	26.77			1490.9				
OBS	146	9.85	34.701	26.76			1491.9				
OBS	194	9.86	34.701	26.76			1492.7				
OBS	224	9.60	34.680	26.79			1492.2				
OBS	271	8.35	34.593	26.92			1488.2				
OBS	283	8.67	34.647	26.91			1489.6				
OBS	360	7.66	34.505	26.96			1486.9				
OBS	455	7.13	34.470	27.00			1486.3				
OBS	562	6.03	34.405	27.10			1483.6				
OBS	667	5.41	34.400	27.17			1482.9				
OBS	846	4.17	34.397	27.31			1480.7				
OBS	1003	3.43	34.411	27.40			1480.2				
OBS	1151	3.06	34.472	27.48			1481.2				
OBS	1388	2.62	34.576	27.60			1483.4				
OBS	1924	2.30	34.710	27.74			1491.3				
OBS	2294	2.04	34.745	27.79			1496.5				
OBS	2765	1.71	34.744	27.81			1503.2				
OBS	3360	1.35	34.736	27.83			1511.9				
OBS	3869	1.05	34.719	27.84			1519.5				
ISL	0	9.90	34.701	26.76	129.90	0.000	1489.6				
ISL	10	9.88	34.701	26.76	129.80	0.013	1489.7				
ISL	20	9.87	34.702	26.76	129.71	0.026	1489.8				
ISL	30	9.85	34.702	26.76	129.68	0.039	1490.0				
ISL	50	9.83	34.702	26.77	129.76	0.065	1490.2				
ISL	75	9.83	34.701	26.77	130.32	0.097	1490.6				
ISL	100	9.83	34.700	26.77	130.98	0.130	1491.0				
ISL	125	9.84	34.701	26.76	131.64	0.163	1491.5				
ISL	150	9.85	34.701	26.76	132.29	0.196	1491.9				
ISL	200	9.84	34.699	26.76	133.29	0.262	1492.7				
ISL	250	9.02	34.637	26.85	125.77	0.327	1490.4				
ISL	300	8.41	34.611	26.93	119.16	0.388	1488.9				
ISL	400	7.45	34.491	26.98	115.54	0.506	1486.7				
ISL	500	6.68	34.446	27.05	109.61	0.618	1485.3				
ISL	600	5.81	34.402	27.13	102.45	0.724	1483.4				
ISL	700	5.20	34.399	27.20	96.00	0.823	1482.5				
ISL	800	4.48	34.396	27.28	88.41	0.916	1481.2				
ISL	900	3.88	34.399	27.34	81.93	1.001	1480.4				
ISL	1000	3.44	34.410	27.40	76.81	1.080	1480.2				
ISL	1100	3.17	34.450	27.45	71.45	1.154	1480.8				
ISL	1200	2.95	34.493	27.51	66.52	1.223	1481.6				
ISL	1300	2.76	34.537	27.56	61.69	1.287	1482.5				
ISL	1400	2.61	34.580	27.61	57.32	1.347	1483.6				
ISL	1500	2.55	34.615	27.64	54.66	1.403	1485.1				
ISL	1750	2.41	34.681	27.70	49.44	1.533	1488.8				
ISL	2000	2.25	34.720	27.75	45.81	1.652	1492.4				
ISL	2250	2.07	34.743	27.78	43.07	1.763	1495.9				
ISL	2500	1.90	34.746	27.80	41.58	1.869	1499.4				
ISL	2750	1.72	34.744	27.81	40.30	1.971	1502.9				
ISL	3000	1.56	34.742	27.82	39.10	2.071	1506.6				
ISL	3250	1.42	34.738	27.83	38.00	2.167	1510.3				
ISL	3500	1.27	34.732	27.83	36.88	2.261	1514.0				
ISL	3750	1.12	34.724	27.84	35.83	2.351	1517.7				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 39	1169	0		27	7	69	18.0	4046.1S	15439.0E	464	4670	12.4	9.5	335	324	20

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	15.33	35.520	26.32			1509.1				
OBS	52	15.30	35.510	26.32			1509.8				
OBS	96	13.67	35.298	26.50			1505.0				
OBS	140	13.03	35.243	26.59			1503.6				
OBS	183	12.01	35.069	26.66			1500.6				
OBS	228	11.64	35.067	26.73			1500.1				
OBS	274	10.88	34.950	26.78			1498.0				
OBS	335	10.10	34.841	26.83			1496.1				
OBS	427	9.22	34.704	26.87			1494.2				
OBS	547	8.38	34.598	26.92			1492.9				
OBS	647	7.97	34.558	26.95			1492.9				
OBS	831	6.67	34.478	27.07			1490.8				
OBS	977	5.57	34.462	27.20			1488.8				
OBS	1157	4.56	34.464	27.32			1487.7				
OBS	1395	3.46	34.519	27.48			1487.1				
OBS	1907	2.47	34.653	27.68			1491.8				
OBS	2395	2.09	34.725	27.77			1498.6				
OBS	3085		34.736								
OBS	3361	1.41	34.734	27.82			1512.4				
OBS	3852	1.19	34.725	27.83			1520.1				
ISL	0	15.33	35.520	26.32	171.53	0.000	1509.1				
ISL	10	15.42	35.530	26.30	173.08	0.017	1509.5				
ISL	20	15.48	35.535	26.30	174.16	0.035	1509.9				
ISL	30	15.48	35.534	26.29	174.56	0.052	1510.0				
ISL	50	15.33	35.515	26.31	173.53	0.087	1509.9				
ISL	75	14.37	35.392	26.43	163.08	0.129	1507.1				
ISL	100	13.58	35.287	26.51	155.53	0.169	1504.8				
ISL	125	13.29	35.272	26.56	151.56	0.207	1504.2				
ISL	150	12.83	35.213	26.61	147.60	0.245	1503.0				
ISL	200	11.88	35.068	26.68	141.72	0.317	1500.4				
ISL	250	11.26	35.009	26.75	135.99	0.386	1499.0				
ISL	300	10.52	34.897	26.80	132.37	0.453	1497.1				
ISL	400	9.44	34.740	26.86	127.95	0.584	1494.6				
ISL	500	8.67	34.631	26.90	125.37	0.710	1493.2				
ISL	600	8.17	34.577	26.94	123.32	0.835	1492.9				
ISL	700	7.63	34.536	26.98	119.85	0.956	1492.5				
ISL	800	6.90	34.492	27.05	113.67	1.073	1491.2				
ISL	900	6.15	34.465	27.13	106.36	1.183	1489.9				
ISL	1000	5.42	34.461	27.22	97.85	1.285	1488.6				
ISL	1100	4.85	34.460	27.29	91.30	1.380	1487.9				
ISL	1200	4.34	34.470	27.35	84.95	1.468	1487.5				
ISL	1300	3.86	34.495	27.42	77.87	1.549	1487.2				
ISL	1400	3.44	34.520	27.48	71.67	1.624	1487.2				
ISL	1500	3.11	34.545	27.53	66.51	1.693	1487.5				
ISL	1750	2.67	34.610	27.63	57.79	1.848	1489.9				
ISL	2000	2.38	34.671	27.70	51.11	1.984	1493.0				
ISL	2250	2.20	34.709	27.74	47.16	2.107	1496.5				
ISL	2500	2.01	34.733	27.78	44.02	2.221	1500.1				
ISL	2750	1.83	34.735	27.79	42.38	2.329	1503.6				
ISL	3000	1.64	34.736	27.81	40.56	2.433	1507.1				
ISL	3250	1.47	34.735	27.82	39.03	2.532	1510.8				
ISL	3500	1.34	34.732	27.83	37.98	2.629	1514.6				
ISL	3750	1.23	34.728	27.83	37.23	2.723	1518.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 42	1170	0		11	3	70	19.2	5826.0S	17941.9W	497	4988	3.3		343	312	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	6.02	34.060	26.83			1473.9	682			
OBS	51	5.88	34.077	26.86			1474.2	681			
OBS	101	5.90	34.120	26.89			1475.2	678			
OBS	151	4.55	34.124	27.05			1470.5	673			
OBS	201	4.42	34.144	27.08			1470.8	667			
OBS	251	4.18	34.130	27.10			1470.6	676			
OBS	301	4.07	34.138	27.12			1471.0	647			
OBS	401	3.78	34.194	27.19			1471.5	581			
OBS	601	3.24	34.295	27.32			1472.6	504			
OBS	801	2.80	34.404	27.45			1474.2	444			
OBS	1001	2.51	34.506	27.56			1476.4	414			
OBS	1159	2.43	34.568	27.61			1478.8	405			
OBS	1201	2.42	34.593	27.63			1479.5	408			
OBS	1455	2.30	34.666	27.70			1483.4	409			
OBS	1751	2.17	34.723	27.76			1487.9	427			
OBS	2045	1.96	34.747	27.79			1492.0	439			
OBS	2241	1.81	34.752	27.81			1494.7	445			
OBS	2640	1.50	34.745	27.83			1500.2	458			
OBS	3038	1.27	34.737	27.84			1506.1	467			
OBS	3437	1.09	34.726	27.84			1512.3	472			
OBS	3936	0.93	34.721	27.85			1520.4	479			
OBS	4436	0.90	34.717	27.85			1529.1	482			
OBS	4936	0.90	34.716	27.85			1538.1	485			
ISL	0	6.02	34.060	26.83	122.80	0.000	1473.9				
ISL	10	6.00	34.062	26.83	122.55	0.012	1474.0				
ISL	20	5.98	34.065	26.84	122.15	0.025	1474.1				
ISL	30	5.94	34.069	26.85	121.62	0.037	1474.1				
ISL	50	5.88	34.076	26.86	120.57	0.061	1474.2				
ISL	75	5.88	34.096	26.88	119.44	0.091	1474.6				
ISL	100	5.91	34.119	26.89	118.35	0.121	1475.2				
ISL	125	5.25	34.120	26.97	110.77	0.149	1472.9				
ISL	150	4.57	34.124	27.05	103.22	0.176	1470.5				
ISL	200	4.42	34.144	27.08	100.71	0.227	1470.8				
ISL	250	4.18	34.130	27.10	99.65	0.277	1470.6				
ISL	300	4.07	34.138	27.12	98.38	0.327	1470.9				
ISL	400	3.78	34.193	27.19	92.02	0.422	1471.4				
ISL	500	3.50	34.244	27.26	86.12	0.511	1472.0				
ISL	600	3.24	34.294	27.32	80.38	0.594	1472.6				
ISL	700	3.01	34.349	27.39	74.55	0.672	1473.3				
ISL	800	2.80	34.403	27.45	69.03	0.743	1474.2				
ISL	900	2.63	34.457	27.51	63.93	0.810	1475.2				
ISL	1000	2.51	34.506	27.56	59.57	0.872	1476.4				
ISL	1100	2.45	34.545	27.59	56.55	0.930	1477.9				
ISL	1200	2.42	34.592	27.63	53.24	0.985	1479.5				
ISL	1300	2.37	34.630	27.67	50.45	1.036	1481.0				
ISL	1400	2.33	34.653	27.69	48.74	1.086	1482.5				
ISL	1500	2.28	34.677	27.71	46.99	1.134	1484.0				
ISL	1750	2.17	34.723	27.76	43.55	1.247	1487.9				
ISL	2000	1.99	34.745	27.79	40.92	1.353	1491.4				
ISL	2250	1.80	34.752	27.81	39.03	1.453	1494.8				
ISL	2500	1.61	34.748	27.82	37.77	1.549	1498.3				
ISL	2750	1.43	34.743	27.83	36.49	1.641	1501.8				
ISL	3000	1.29	34.738	27.84	35.63	1.732	1505.5				
ISL	3250	1.17	34.731	27.84	34.99	1.820	1509.4				
ISL	3500	1.07	34.725	27.84	34.49	1.907	1513.3				
ISL	3750	0.98	34.723	27.85	33.78	1.992	1517.3				
ISL	4000	0.92	34.720	27.85	33.49	2.076	1521.5				
ISL	4500	0.90	34.717	27.85	34.13	2.245	1530.3				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 42	1171	0		13	3	70	16.9	6112.3S	17022.7W	533	4510	3.9		35	343	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	2.37	33.905	27.09			1458.4	751			
OBS	48	2.35	33.906	27.09			1459.1	742			
OBS	94	2.32	33.906	27.09			1459.7	740			
OBS	140	0.12	34.000	27.32			1450.8				
OBS	186	0.33	34.039	27.34			1452.5	715			
OBS	230	1.03	34.158	27.39			1456.6	628			
OBS	278	1.56	34.262	27.44			1459.9	544			
OBS	369	2.17	34.414	27.51			1464.3	446			
OBS	463	2.25	34.496	27.57			1466.3	415			
OBS	556	2.27	34.546	27.61			1468.0	406			
OBS	749	2.25	34.630	27.68			1471.2	407			
OBS	949	2.18	34.684	27.73			1474.3	408			
OBS	1075	2.11	34.711	27.75			1476.2	418			
OBS	1359	1.95	34.741	27.79			1480.3	442			
OBS	1737	1.64	34.749	27.82			1485.3	454			
OBS	2205	1.24	34.734	27.84			1491.5	468			
OBS	2673	0.93	34.719	27.85			1498.1	476			
OBS	3165	0.79	34.714	27.85			1506.0	477			
OBS	3658	0.83	34.712	27.85			1514.8	480			
OBS	4090	0.88	34.714	27.84			1522.7	483			
OBS	4414	0.89	34.713	27.84			1528.5	482			
OBS	4464	0.91	34.714	27.84			1529.4	482			
OBS	4489	0.91	34.714	27.84			1529.9	482			
ISL	0	2.37	33.905	27.09	98.28	0.000	1458.4				
ISL	10	2.37	33.905	27.09	98.29	0.010	1458.5				
ISL	20	2.37	33.905	27.09	98.31	0.020	1458.7				
ISL	30	2.36	33.906	27.09	98.29	0.029	1458.8				
ISL	50	2.35	33.906	27.09	98.26	0.049	1459.1				
ISL	75	2.34	33.906	27.09	98.26	0.074	1459.5				
ISL	100	2.15	33.914	27.11	96.33	0.098	1459.1				
ISL	125	0.70	33.975	27.26	81.75	0.120	1453.1				
ISL	150	-0.02	34.013	27.33	74.90	0.140	1450.3				
ISL	200	0.56	34.079	27.35	73.08	0.177	1453.8				
ISL	250	1.28	34.204	27.41	68.40	0.212	1458.1				
ISL	300	1.76	34.305	27.46	64.49	0.245	1461.2				
ISL	400	2.22	34.448	27.53	58.01	0.307	1465.1				
ISL	500	2.26	34.519	27.59	53.54	0.362	1467.0				
ISL	600	2.27	34.568	27.63	50.50	0.415	1468.8				
ISL	700	2.26	34.611	27.66	47.65	0.464	1470.4				
ISL	800	2.24	34.646	27.69	45.29	0.510	1472.0				
ISL	900	2.20	34.672	27.71	43.54	0.554	1473.6				
ISL	1000	2.15	34.696	27.74	41.77	0.597	1475.1				
ISL	1100	2.10	34.715	27.76	40.25	0.638	1476.5				
ISL	1200	2.04	34.729	27.77	39.12	0.678	1478.0				
ISL	1300	1.98	34.738	27.78	38.33	0.717	1479.4				
ISL	1400	1.92	34.743	27.79	37.65	0.755	1480.8				
ISL	1500	1.84	34.748	27.80	36.88	0.792	1482.1				
ISL	1750	1.63	34.749	27.82	35.42	0.882	1485.5				
ISL	2000	1.42	34.741	27.83	34.36	0.969	1488.8				
ISL	2250	1.21	34.733	27.84	33.13	1.054	1492.1				
ISL	2500	1.03	34.725	27.84	32.10	1.135	1495.6				
ISL	2750	0.90	34.718	27.85	31.40	1.215	1499.3				
ISL	3000	0.82	34.715	27.85	30.91	1.293	1503.3				
ISL	3250	0.79	34.713	27.85	31.02	1.370	1507.5				
ISL	3500	0.81	34.712	27.85	31.78	1.448	1512.0				
ISL	3750	0.84	34.712	27.85	32.50	1.529	1516.5				
ISL	4000	0.87	34.714	27.85	33.20	1.611	1521.0				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 42	1172	0		15	3	70	7.1	6356.6S	16007.3W	532	3134	0.2		274	273	19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	0.22	34.028	27.33			1449.0	719			
OBS	77	-1.59	34.345	27.66			1442.3	692			
OBS	127	-1.40	34.418	27.72			1444.1	637			
OBS	177	1.03	34.668	27.80			1456.4	451			
OBS	227	1.29	34.705	27.81			1458.5	408			
OBS	302	1.32	34.718	27.82			1459.9	416			
OBS	402	1.28	34.728	27.83			1461.4	419			
OBS	501	1.18	34.729	27.84			1462.6	407			
OBS	601	1.09	34.725	27.84			1463.8	430			
OBS	799	0.97	34.721	27.84			1466.6	440			
OBS	999	0.85	34.721	27.85			1469.4	444			
OBS	1199	0.74	34.713	27.85			1472.2	447			
OBS	1340	0.64	34.710	27.86			1474.2	455			
OBS	1633	0.52	34.703	27.86			1478.6	457			
OBS	1925	0.38	34.700	27.86			1482.9	458			
OBS	2218	0.27	34.702	27.87			1487.4	470			
OBS	2510	0.21	34.704	27.88			1492.2				
OBS	2809	0.16	34.703	27.88			1497.1	475			
OBS	3108	0.17	34.706	27.88			1502.4	475			
ISL	0	0.22	34.028	27.33	75.19	0.000	1449.0				
ISL	10	-0.11	34.068	27.38	70.55	0.007	1447.7				
ISL	20	-0.47	34.115	27.44	65.29	0.014	1446.2				
ISL	30	-0.79	34.161	27.49	60.52	0.020	1445.0				
ISL	50	-1.27	34.244	27.57	52.40	0.032	1443.2				
ISL	75	-1.58	34.339	27.66	44.05	0.044	1442.3				
ISL	100	-1.74	34.386	27.70	39.85	0.054	1442.0				
ISL	125	-1.45	34.412	27.71	38.62	0.064	1443.8				
ISL	150	-0.32	34.525	27.76	34.46	0.073	1449.7				
ISL	200	1.22	34.694	27.81	30.91	0.089	1457.7				
ISL	250	1.32	34.711	27.81	30.46	0.105	1459.0				
ISL	300	1.32	34.718	27.82	30.08	0.120	1459.8				
ISL	400	1.28	34.728	27.83	29.33	0.150	1461.3				
ISL	500	1.18	34.729	27.84	28.74	0.179	1462.5				
ISL	600	1.09	34.725	27.84	28.60	0.207	1463.8				
ISL	700	1.03	34.722	27.84	28.54	0.236	1465.2				
ISL	800	0.97	34.721	27.84	28.36	0.264	1466.6				
ISL	900	0.91	34.721	27.85	28.10	0.293	1468.0				
ISL	1000	0.85	34.721	27.85	27.72	0.321	1469.4				
ISL	1100	0.79	34.717	27.85	27.73	0.348	1470.8				
ISL	1200	0.74	34.713	27.85	27.68	0.376	1472.2				
ISL	1300	0.67	34.711	27.86	27.30	0.403	1473.6				
ISL	1400	0.62	34.709	27.86	27.12	0.431	1475.0				
ISL	1500	0.58	34.706	27.86	27.04	0.458	1476.6				
ISL	1750	0.47	34.701	27.86	26.54	0.525	1480.3				
ISL	2000	0.35	34.700	27.87	25.52	0.590	1484.0				
ISL	2250	0.26	34.702	27.87	24.56	0.652	1487.9				
ISL	2500	0.21	34.704	27.88	23.91	0.713	1492.0				
ISL	2750	0.17	34.703	27.88	23.44	0.772	1496.1				
ISL	3000	0.16	34.705	27.88	23.26	0.831	1500.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 42	1173	0		16	3	70	15.3	6618.4S	14944.5W	530	4460	-1.3		234	223	21

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	-0.46	33.991	27.34			1445.8	802			
OBS	49	-0.53	34.020	27.36			1446.3	725			
OBS	98	-1.54	34.332	27.65			1442.8	687			
OBS	146	-0.79	34.461	27.73			1447.3	597			
OBS	195	0.58	34.635	27.80			1454.7	475			
OBS	244	1.18	34.712	27.82			1458.3	425			
OBS	292	1.27	34.735	27.84			1459.5	416			
OBS	386	1.26	34.743	27.84			1461.0	420			
OBS	581	1.12	34.742	27.85			1463.6	431			
OBS	775	1.02	34.738	27.85			1466.4	450			
OBS	969	0.89	34.728	27.86			1469.1	459			
OBS	1264	0.75	34.721	27.86			1473.4	466			
OBS	1542	0.61	34.721	27.87			1477.5	473			
OBS	1832	0.50	34.720	27.87			1481.9	478			
OBS	2121	0.40	34.721	27.88			1486.4	487			
OBS	2423	0.31	34.717	27.88			1491.2	495			
OBS	2950	0.21	34.718	27.89			1499.9	501			
OBS	3336	0.05	34.714	27.89			1505.9	515			
OBS	3847	0.06	34.716	27.89			1514.9	521			
OBS	4247	0.10	34.720	27.90			1522.2	528			
OBS	4446	0.10	34.721	27.90			1525.8	521			
ISL	0	-0.46	33.991	27.34	74.89	0.000	1445.8				
ISL	10	-0.45	33.982	27.33	75.55	0.008	1446.0				
ISL	20	-0.46	33.981	27.33	75.64	0.015	1446.1				
ISL	30	-0.48	33.987	27.33	74.99	0.023	1446.2				
ISL	50	-0.54	34.024	27.37	71.90	0.037	1446.3				
ISL	75	-0.99	34.199	27.53	56.62	0.053	1444.8				
ISL	100	-1.54	34.340	27.66	43.92	0.066	1442.9				
ISL	125	-1.27	34.401	27.70	39.98	0.076	1444.6				
ISL	150	-0.70	34.474	27.74	36.62	0.086	1447.8				
ISL	200	0.67	34.647	27.80	30.79	0.103	1455.2				
ISL	250	1.21	34.717	27.83	29.19	0.118	1458.5				
ISL	300	1.28	34.738	27.84	28.29	0.132	1459.7				
ISL	400	1.25	34.744	27.84	27.92	0.160	1461.2				
ISL	500	1.17	34.743	27.85	27.63	0.188	1462.5				
ISL	600	1.11	34.742	27.85	27.49	0.216	1463.9				
ISL	700	1.06	34.740	27.85	27.47	0.243	1465.3				
ISL	800	1.00	34.737	27.86	27.45	0.271	1466.8				
ISL	900	0.93	34.731	27.86	27.51	0.298	1468.1				
ISL	1000	0.87	34.727	27.86	27.51	0.326	1469.5				
ISL	1100	0.83	34.724	27.86	27.50	0.353	1471.0				
ISL	1200	0.78	34.722	27.86	27.41	0.381	1472.4				
ISL	1300	0.73	34.721	27.86	27.14	0.408	1473.9				
ISL	1400	0.68	34.721	27.86	26.81	0.435	1475.4				
ISL	1500	0.63	34.721	27.87	26.46	0.461	1476.8				
ISL	1750	0.53	34.720	27.87	25.78	0.527	1480.6				
ISL	2000	0.44	34.720	27.88	25.03	0.590	1484.5				
ISL	2250	0.36	34.719	27.88	24.37	0.652	1488.4				
ISL	2500	0.29	34.717	27.88	23.89	0.712	1492.4				
ISL	2750	0.25	34.718	27.89	23.32	0.771	1496.5				
ISL	3000	0.19	34.718	27.89	22.72	0.829	1500.6				
ISL	3250	0.08	34.715	27.89	21.49	0.884	1504.5				
ISL	3500	0.04	34.714	27.89	20.89	0.937	1508.7				
ISL	3750	0.05	34.715	27.89	20.99	0.989	1513.2				
ISL	4000	0.07	34.717	27.89	21.03	1.042	1517.7				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 42	1174	0		18	3	70	5.7	6603.0S	13954.0W	529	4100	-1.0		282	253	22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	-0.13	33.836	27.20			1447.1	817			
OBS	51	-0.15	33.836	27.20			1447.8	814			
OBS	100	-1.62	34.130	27.49			1442.2	792			
OBS	149	-1.26	34.222	27.55			1444.8	739			
OBS	198	0.06	34.430	27.66			1452.1	610			
OBS	247	1.16	34.622	27.75			1458.1	482			
OBS	296	1.51	34.688	27.78			1460.6	455			
OBS	395	1.57	34.723	27.80			1462.5	448			
OBS	492	1.50	34.735	27.82			1463.8	463			
OBS	687	1.34	34.738	27.83			1466.4	464			
OBS	886	1.21	34.736	27.84			1469.1	469			
OBS	1084	1.10	34.732	27.84			1472.0	475			
OBS	1325	0.93	34.728	27.85			1475.3	479			
OBS	1625	0.77	34.721	27.86			1479.6	486			
OBS	1919	0.68	34.717	27.86			1484.2	492			
OBS	2409	0.48	34.714	27.87			1491.7	496			
OBS	2909	0.32	34.714	27.88			1499.7	506			
OBS	3408	0.22	34.713	27.88			1508.0	516			
OBS	3708	0.12	34.713	27.89			1512.8	534			
OBS	3933	0.10	34.714	27.89			1516.7	539			
OBS	4032	0.10	34.714	27.89			1518.5	539			
OBS	4080	0.09	34.716	27.89			1519.3	538			
ISL	0	-0.13	33.836	27.20	88.14	0.000	1447.1				
ISL	10	-0.08	33.821	27.18	89.49	0.009	1447.5				
ISL	20	-0.05	33.813	27.17	90.25	0.018	1447.7				
ISL	30	-0.06	33.812	27.17	90.21	0.027	1447.9				
ISL	50	-0.14	33.833	27.19	88.23	0.045	1447.9				
ISL	75	-0.82	33.990	27.35	73.33	0.065	1445.4				
ISL	100	-1.62	34.130	27.49	59.78	0.082	1442.2				
ISL	125	-1.64	34.167	27.52	56.74	0.096	1442.6				
ISL	150	-1.24	34.225	27.55	53.44	0.110	1444.9				
ISL	200	0.11	34.438	27.67	43.24	0.134	1452.3				
ISL	250	1.20	34.629	27.76	35.74	0.154	1458.3				
ISL	300	1.53	34.692	27.78	33.61	0.171	1460.7				
ISL	400	1.57	34.724	27.81	31.85	0.204	1462.6				
ISL	500	1.49	34.736	27.82	30.72	0.235	1463.9				
ISL	600	1.41	34.738	27.83	30.22	0.266	1465.2				
ISL	700	1.33	34.738	27.83	29.84	0.296	1466.6				
ISL	800	1.26	34.737	27.84	29.61	0.325	1467.9				
ISL	900	1.20	34.736	27.84	29.47	0.355	1469.3				
ISL	1000	1.15	34.734	27.84	29.40	0.384	1470.7				
ISL	1100	1.09	34.732	27.85	29.25	0.414	1472.2				
ISL	1200	1.02	34.730	27.85	28.96	0.443	1473.5				
ISL	1300	0.95	34.728	27.85	28.59	0.472	1474.9				
ISL	1400	0.88	34.726	27.85	28.32	0.500	1476.3				
ISL	1500	0.83	34.724	27.86	28.17	0.528	1477.8				
ISL	1750	0.73	34.719	27.86	27.94	0.598	1481.6				
ISL	2000	0.65	34.716	27.86	27.57	0.668	1485.5				
ISL	2250	0.54	34.714	27.87	26.75	0.736	1489.3				
ISL	2500	0.45	34.714	27.87	25.89	0.802	1493.1				
ISL	2750	0.37	34.714	27.88	25.05	0.865	1497.1				
ISL	3000	0.30	34.714	27.88	24.32	0.927	1501.2				
ISL	3250	0.26	34.713	27.88	23.88	0.987	1505.4				
ISL	3500	0.19	34.713	27.88	23.07	1.046	1509.5				
ISL	3750	0.11	34.713	27.89	21.96	1.102	1513.5				
ISL	4000	0.10	34.714	27.89	21.67	1.157	1517.9				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 42	1175	0		25	3	70	19.1	6819.5S	8252.5W	524	3650	-0.6		303	263	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	-0.31	33.203	26.69			1445.4	830			
OBS	51	-0.27	33.443	26.89			1446.7	801			
OBS	101	-1.02	34.174	27.51			1445.1	666			
OBS	151	0.52	34.449	27.65			1453.4	525			
OBS	200	1.22	34.559	27.70			1457.5	466			
OBS	250	1.58	34.616	27.72			1460.0	440			
OBS	299	1.80	34.663	27.74			1461.9	431			
OBS	347	1.80	34.679	27.75			1462.7	426			
OBS	445	1.82	34.709	27.77			1464.4	425			
OBS	644	1.70	34.728	27.80			1467.2	438			
OBS	841	1.58	34.740	27.82			1470.0	452			
OBS	1041	1.43	34.738	27.83			1472.7	460			
OBS	1280	1.23	34.737	27.84			1475.8	465			
OBS	1576	1.05	34.730	27.85			1480.0	466			
OBS	1871	0.88	34.724	27.85			1484.2	472			
OBS	2264	0.70	34.718	27.86			1490.1	480			
OBS	2755	0.50	34.717	27.87			1497.7	486			
OBS	3149	0.41	34.716	27.88			1504.1	489			
OBS	3397	0.39	34.720	27.88			1508.4	492			
OBS	3501	0.38	34.715	27.88			1510.1	502			
OBS	3555	0.35	34.717	27.88			1511.0	496			
OBS	3605	0.36	34.717	27.88			1511.9	497			
OBS	3634	0.35	34.716	27.88			1512.3	493			
ISL	0	-0.31	33.203	26.69	135.71	0.000	1445.4				
ISL	10	-0.31	33.225	26.71	133.99	0.013	1445.6				
ISL	20	-0.31	33.260	26.74	131.30	0.027	1445.8				
ISL	30	-0.31	33.308	26.78	127.55	0.040	1446.0				
ISL	50	-0.26	33.433	26.88	118.14	0.064	1446.7				
ISL	75	-0.55	33.793	27.18	89.36	0.090	1446.3				
ISL	100	-1.03	34.164	27.50	59.13	0.109	1445.0				
ISL	125	-0.19	34.357	27.62	47.95	0.122	1449.6				
ISL	150	0.50	34.445	27.65	44.94	0.134	1453.3				
ISL	200	1.22	34.559	27.70	41.07	0.155	1457.5				
ISL	250	1.58	34.616	27.72	39.53	0.175	1460.0				
ISL	300	1.80	34.664	27.74	37.86	0.195	1461.9				
ISL	400	1.81	34.696	27.77	35.89	0.232	1463.6				
ISL	500	1.79	34.717	27.78	34.56	0.267	1465.2				
ISL	600	1.73	34.725	27.79	33.89	0.301	1466.6				
ISL	700	1.67	34.733	27.80	33.15	0.335	1468.0				
ISL	800	1.61	34.738	27.81	32.53	0.367	1469.4				
ISL	900	1.54	34.739	27.82	32.21	0.400	1470.8				
ISL	1000	1.46	34.738	27.82	31.94	0.432	1472.1				
ISL	1100	1.38	34.738	27.83	31.53	0.464	1473.4				
ISL	1200	1.30	34.737	27.84	31.07	0.495	1474.7				
ISL	1300	1.22	34.737	27.84	30.59	0.526	1476.0				
ISL	1400	1.15	34.734	27.84	30.40	0.556	1477.4				
ISL	1500	1.09	34.732	27.84	30.24	0.587	1478.9				
ISL	1750	0.95	34.726	27.85	29.61	0.661	1482.4				
ISL	2000	0.82	34.722	27.86	28.98	0.735	1486.1				
ISL	2250	0.71	34.718	27.86	28.36	0.806	1489.9				
ISL	2500	0.60	34.717	27.87	27.41	0.876	1493.7				
ISL	2750	0.50	34.717	27.87	26.52	0.943	1497.6				
ISL	3000	0.44	34.716	27.87	25.89	1.009	1501.6				
ISL	3250	0.40	34.717	27.88	25.51	1.073	1505.8				
ISL	3500	0.38	34.715	27.88	25.51	1.137	1510.1				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 42	1176	0		26	3	70	10.5	6859.2S	8051.0W	524	2880	-1.1		53	42	21

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	-1.57	33.219	26.75			1439.5	823			
OBS	51	-1.46	34.162	27.51			1442.2	689			
OBS	100	-1.35	34.277	27.60			1443.7	663			
OBS	150	-1.26	34.355	27.66			1445.0	645			
OBS	199	0.29	34.513	27.72			1453.2	515			
OBS	249	1.34	34.640	27.75			1459.0	437			
OBS	298	1.55	34.678	27.77			1460.7	426			
OBS	346	1.65	34.702	27.78			1462.0	420			
OBS	443	1.64	34.724	27.80			1463.6	424			
OBS	645	1.48	34.732	27.82			1466.3	434			
OBS	845	1.27	34.730	27.83			1468.6	448			
OBS	1093	1.12	34.731	27.84			1472.1	456			
OBS	1201	1.02	34.733	27.85			1473.5	461			
OBS	1598	0.77	34.724	27.86			1479.0	480			
OBS	1989	0.57	34.719	27.87			1484.8	484			
OBS	2388	0.43	34.717	27.87			1491.0	494			
OBS	2638	0.41	34.717	27.88			1495.2	491			
OBS	2738	0.40	34.717	27.88			1496.9	491			
OBS	2787	0.38	34.716	27.88			1497.6	490			
OBS	2837	0.37	34.716	27.88			1498.5	489			
OBS	2867	0.35	34.716	27.88			1498.9	496			
ISL	0	-1.57	33.219	26.75	130.43	0.000	1439.5				
ISL	10	-1.55	33.439	26.93	113.49	0.012	1440.1				
ISL	20	-1.53	33.658	27.10	96.69	0.023	1440.7				
ISL	30	-1.51	33.849	27.26	82.06	0.032	1441.2				
ISL	50	-1.46	34.151	27.50	58.91	0.046	1442.2				
ISL	75	-1.41	34.229	27.56	53.02	0.060	1442.9				
ISL	100	-1.35	34.277	27.60	49.36	0.073	1443.7				
ISL	125	-1.30	34.320	27.63	46.07	0.084	1444.4				
ISL	150	-1.26	34.355	27.66	43.46	0.096	1445.0				
ISL	200	0.32	34.516	27.72	38.53	0.116	1453.4				
ISL	250	1.35	34.642	27.75	35.92	0.135	1459.0				
ISL	300	1.56	34.679	27.77	34.77	0.152	1460.8				
ISL	400	1.66	34.718	27.79	33.02	0.186	1463.0				
ISL	500	1.61	34.730	27.81	32.11	0.219	1464.4				
ISL	600	1.52	34.731	27.81	31.63	0.251	1465.7				
ISL	700	1.43	34.731	27.82	31.17	0.282	1466.9				
ISL	800	1.31	34.730	27.83	30.55	0.313	1468.1				
ISL	900	1.23	34.730	27.83	30.17	0.343	1469.4				
ISL	1000	1.18	34.730	27.84	29.98	0.373	1470.8				
ISL	1100	1.11	34.731	27.84	29.53	0.403	1472.2				
ISL	1200	1.02	34.733	27.85	28.75	0.432	1473.5				
ISL	1300	0.94	34.730	27.85	28.40	0.461	1474.8				
ISL	1400	0.88	34.728	27.86	28.16	0.489	1476.2				
ISL	1500	0.83	34.726	27.86	27.98	0.517	1477.6				
ISL	1750	0.69	34.722	27.86	27.26	0.586	1481.2				
ISL	2000	0.57	34.719	27.87	26.46	0.653	1484.9				
ISL	2250	0.47	34.717	27.87	25.70	0.719	1488.8				
ISL	2500	0.42	34.717	27.88	25.38	0.783	1492.9				
ISL	2750	0.40	34.717	27.88	25.24	0.846	1497.1				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 42	1177	0		26	3	70	20.8	6910.9S	8036.6W	524	2060	-0.6		56	64	19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	-1.58	33.337	26.85			1439.6	792			
OBS	49	-1.75	33.868	27.28			1440.4	748			
OBS	98	-1.66	34.215	27.56			1442.1	674			
OBS	146	-1.32	34.304	27.62			1444.6	652			
OBS	194	-0.86	34.391	27.67			1447.7	597			
OBS	242	-0.38	34.471	27.72			1450.8	565			
OBS	290	0.45	34.572	27.76			1455.6	504			
OBS	340	0.51	34.604	27.78			1456.7	490			
OBS	434	1.04	34.683	27.81			1460.8	487			
OBS	628	1.20	34.723	27.83			1464.8	454			
OBS	821	1.08	34.728	27.84			1467.4	460			
OBS	1116	0.89	34.723	27.85			1471.5	480			
OBS	1514	0.61	34.717	27.86			1477.0	479			
OBS	1762	0.50	34.713	27.87			1480.7	485			
OBS	1909	0.44	34.714	27.87			1483.0	490			
OBS	1957	0.42	34.724	27.88			1483.7	492			
OBS	1985	0.41	34.716	27.88			1484.1	493			
OBS	2014	0.39	34.714	27.87			1484.5	490			
OBS	2044	0.39	34.718	27.88			1485.0	489			
ISL	0	-1.58	33.337	26.85	121.36	0.000	1439.6				
ISL	10	-1.63	33.452	26.94	112.34	0.012	1439.7				
ISL	20	-1.68	33.571	27.04	103.01	0.022	1439.8				
ISL	30	-1.71	33.682	27.13	94.37	0.032	1440.0				
ISL	50	-1.75	33.877	27.29	79.13	0.050	1440.4				
ISL	75	-1.74	34.081	27.45	63.37	0.067	1441.2				
ISL	100	-1.65	34.220	27.56	52.81	0.082	1442.2				
ISL	125	-1.50	34.265	27.59	49.63	0.095	1443.4				
ISL	150	-1.29	34.311	27.63	46.72	0.107	1444.9				
ISL	200	-0.80	34.401	27.68	41.56	0.129	1448.1				
ISL	250	-0.26	34.487	27.73	37.52	0.149	1451.5				
ISL	300	0.47	34.578	27.76	34.74	0.167	1455.8				
ISL	400	0.87	34.652	27.80	31.98	0.200	1459.4				
ISL	500	1.20	34.710	27.82	30.31	0.231	1462.6				
ISL	600	1.20	34.720	27.83	29.84	0.261	1464.3				
ISL	700	1.16	34.728	27.84	29.16	0.291	1465.8				
ISL	800	1.09	34.728	27.84	28.86	0.320	1467.1				
ISL	900	1.03	34.727	27.85	28.66	0.349	1468.5				
ISL	1000	0.97	34.725	27.85	28.46	0.377	1469.9				
ISL	1100	0.90	34.723	27.85	28.18	0.405	1471.3				
ISL	1200	0.83	34.722	27.85	27.86	0.434	1472.7				
ISL	1300	0.76	34.720	27.86	27.50	0.461	1474.1				
ISL	1400	0.69	34.719	27.86	27.07	0.488	1475.4				
ISL	1500	0.62	34.717	27.86	26.63	0.515	1476.8				
ISL	1750	0.51	34.713	27.87	26.06	0.581	1480.5				
ISL	2000	0.40	34.714	27.87	25.08	0.645	1484.3				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 42	1178	0		27	3	70	3.9	6920.0S	8015.3W	524	1017	-1.5		127	64	12

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	18	-1.67	33.477	26.96			1439.7	820			
OBS	118	-1.45	34.263	27.59			1443.5	659			
OBS	218	-0.10	34.488	27.72			1451.7	545			
OBS	317	1.00	34.654	27.79			1458.6	456			
OBS	416	1.34	34.717	27.82			1461.8	445			
OBS	518	1.25	34.725	27.83			1463.2	448			
OBS	616	1.19	34.727	27.83			1464.5	453			
OBS	719	1.12	34.728	27.84			1465.9	457			
OBS	870	1.02	34.729	27.85			1468.0	462			
OBS	945	0.93	34.728	27.85			1468.9	464			
OBS	969	0.92	34.729	27.85			1469.2	469			
OBS	994	0.88	34.724	27.85			1469.5	473			
ISL	0	-1.67	33.477	26.96	110.39	0.000	1439.4				
ISL	10	-1.67	33.477	26.96	110.30	0.011	1439.6				
ISL	20	-1.67	33.497	26.98	108.68	0.022	1439.7				
ISL	30	-1.69	33.596	27.06	100.98	0.032	1440.0				
ISL	50	-1.69	33.779	27.21	86.77	0.051	1440.5				
ISL	75	-1.65	33.982	27.37	71.18	0.071	1441.4				
ISL	100	-1.54	34.153	27.51	58.21	0.087	1442.6				
ISL	125	-1.38	34.294	27.61	47.81	0.100	1444.0				
ISL	150	-1.00	34.358	27.65	44.23	0.112	1446.3				
ISL	200	-0.33	34.453	27.70	39.85	0.133	1450.3				
ISL	250	0.30	34.552	27.75	35.66	0.152	1454.2				
ISL	300	0.86	34.632	27.78	33.26	0.169	1457.6				
ISL	400	1.32	34.712	27.81	30.86	0.201	1461.5				
ISL	500	1.26	34.724	27.83	29.77	0.231	1462.9				
ISL	600	1.20	34.727	27.83	29.33	0.261	1464.3				
ISL	700	1.13	34.728	27.84	28.96	0.290	1465.7				
ISL	800	1.07	34.729	27.84	28.59	0.319	1467.0				
ISL	900	0.99	34.729	27.85	28.15	0.347	1468.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 42	1179	0		27	3	70	7.4	6922.7S	8011.2W	524	603	-2.5		67	54	11

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	11	-1.65	33.357	26.86			1439.5	822			
OBS	120	-1.59	34.229	27.57			1442.8	674			
OBS	169	-1.13	34.340	27.64			1446.0	628			
OBS	219	-0.28	34.465	27.71			1450.9	560			
OBS	270	0.21	34.539	27.74			1454.1	521			
OBS	318	0.84	34.632	27.78			1457.9	472			
OBS	368	1.17	34.686	27.80			1460.3	458			
OBS	468	1.19	34.705	27.82			1462.0	456			
OBS	543	0.99	34.707	27.83			1462.4	456			
OBS	568	0.99	34.711	27.84			1462.8	461			
OBS	593	0.99	34.711	27.84			1463.2	453			
ISL	0	-1.65	33.357	26.86	119.64	0.000	1439.3				
ISL	10	-1.65	33.357	26.86	119.55	0.012	1439.5				
ISL	20	-1.70	33.457	26.95	111.71	0.024	1439.6				
ISL	30	-1.74	33.562	27.03	103.47	0.034	1439.7				
ISL	50	-1.79	33.754	27.19	88.49	0.053	1440.1				
ISL	75	-1.78	33.959	27.35	72.63	0.074	1440.8				
ISL	100	-1.70	34.124	27.49	60.03	0.090	1441.8				
ISL	125	-1.56	34.241	27.58	51.30	0.104	1443.1				
ISL	150	-1.35	34.296	27.62	47.64	0.116	1444.6				
ISL	200	-0.58	34.417	27.68	41.37	0.139	1449.1				
ISL	250	-0.00	34.507	27.73	37.35	0.158	1452.7				
ISL	300	0.60	34.597	27.77	34.20	0.176	1456.4				
ISL	400	1.26	34.699	27.81	31.39	0.209	1461.2				
ISL	500	1.11	34.706	27.82	29.92	0.240	1462.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 42	1180	0		29	3	70	18.0	6925.5S	8751.2W	524	3050	-1.9		145	123	21

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	-1.75	33.408	26.91			1438.9	802			
OBS	26	-1.76	33.445	26.94			1439.4	799			
OBS	51	-1.72	33.882	27.29			1440.6	734			
OBS	75	-1.36	34.165	27.51			1443.1	679			
OBS	100	-0.86	34.286	27.59			1446.0	629			
OBS	149	-0.51	34.419	27.68			1448.6	591			
OBS	198	0.88	34.579	27.74			1456.0	484			
OBS	297	1.70	34.705	27.78			1461.4	430			
OBS	394	1.69	34.726	27.80			1463.0	430			
OBS	594	1.55	34.736	27.82			1465.8	447			
OBS	791	1.38	34.734	27.83			1468.3	454			
OBS	990	1.25	34.735	27.84			1471.1	461			
OBS	1265	1.07	34.730	27.85			1474.9	470			
OBS	1562	0.89	34.725	27.85			1479.1	477			
OBS	1858	0.73	34.720	27.86			1483.4	480			
OBS	2155	0.59	34.717	27.87			1487.9	487			
OBS	2452	0.50	34.717	27.87			1492.6	494			
OBS	2751	0.45	34.719	27.88			1497.5	499			
OBS	2950	0.42	34.716	27.87			1500.9	499			
OBS	3000	0.42	34.716	27.87			1501.7	500			
OBS	3030	0.41	34.716	27.88			1502.2	502			
ISL	0	-1.75	33.408	26.91	115.50	0.000	1438.9				
ISL	10	-1.76	33.387	26.89	117.00	0.012	1439.0				
ISL	20	-1.76	33.412	26.91	115.04	0.023	1439.2				
ISL	30	-1.76	33.503	26.98	107.94	0.034	1439.5				
ISL	50	-1.73	33.867	27.28	79.94	0.053	1440.5				
ISL	75	-1.36	34.165	27.51	58.01	0.070	1443.1				
ISL	100	-0.86	34.286	27.59	50.44	0.084	1446.0				
ISL	125	-0.64	34.352	27.63	46.25	0.096	1447.5				
ISL	150	-0.49	34.422	27.68	41.48	0.107	1448.7				
ISL	200	0.92	34.584	27.74	37.16	0.127	1456.2				
ISL	250	1.55	34.675	27.77	34.84	0.145	1460.0				
ISL	300	1.71	34.707	27.78	33.89	0.162	1461.5				
ISL	400	1.69	34.727	27.80	32.60	0.195	1463.1				
ISL	500	1.62	34.735	27.81	31.89	0.227	1464.5				
ISL	600	1.55	34.736	27.82	31.48	0.259	1465.8				
ISL	700	1.46	34.735	27.82	31.19	0.290	1467.1				
ISL	800	1.37	34.734	27.83	30.82	0.321	1468.4				
ISL	900	1.31	34.734	27.83	30.52	0.352	1469.8				
ISL	1000	1.24	34.735	27.84	30.18	0.382	1471.2				
ISL	1100	1.18	34.733	27.84	29.98	0.412	1472.6				
ISL	1200	1.11	34.731	27.84	29.73	0.442	1474.0				
ISL	1300	1.05	34.729	27.85	29.48	0.472	1475.4				
ISL	1400	0.99	34.728	27.85	29.23	0.501	1476.8				
ISL	1500	0.93	34.726	27.85	28.97	0.530	1478.2				
ISL	1750	0.79	34.722	27.86	28.29	0.602	1481.8				
ISL	2000	0.66	34.718	27.86	27.51	0.672	1485.5				
ISL	2250	0.56	34.717	27.87	26.77	0.740	1489.4				
ISL	2500	0.49	34.717	27.87	26.15	0.806	1493.4				
ISL	2750	0.45	34.719	27.88	25.75	0.871	1497.5				
ISL	3000	0.42	34.716	27.87	25.71	0.935	1501.7				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 43	1181	0		29	4	70	22.4	6358.2S	7705.1W	523	4080	-0.3	-4.4	115	103	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2\cdot$ ml/l	PHOS $10^2\cdot$ µgat/l	NITR $10\cdot$ µgat/l	SILIC µgat/l
OBS	2	-0.33	33.724	27.11			1446.0	794			
OBS	51	-0.27	33.729	27.12			1447.1	793			
OBS	100	-0.68	34.127	27.45			1446.6	713			
OBS	148	0.52	34.284	27.52			1453.1	620			
OBS	196	1.10	34.376	27.56			1456.7	541			
OBS	244	1.31	34.421	27.58			1458.4	513			
OBS	292	1.46	34.472	27.61			1460.0	489			
OBS	390	1.97	34.577	27.66			1464.0	420			
OBS	487	2.04	34.632	27.70			1466.0	416			
OBS	584	2.05	34.663	27.72			1467.7	415			
OBS	782	1.97	34.707	27.76			1470.7	420			
OBS	980	1.83	34.729	27.79			1473.4	412			
OBS	1275	1.67	34.744	27.81			1477.7	444			
OBS	1675	1.35	34.738	27.83			1483.0	456			
OBS	2075	1.11	34.731	27.84			1488.8	466			
OBS	2570	0.88	34.721	27.85			1496.2	477			
OBS	3065	0.63	34.718	27.86			1503.7	486			
OBS	3565	0.50	34.719	27.87			1511.9	498			
OBS	3815	0.46	34.719	27.87			1516.1	498			
OBS	3930	0.45	34.717	27.87			1518.1	504			
OBS	3990	0.45	34.717	27.87			1519.2	498			
OBS	4035	0.44	34.716	27.87			1519.9	499			
OBS	4065	0.44	34.716	27.87			1520.5	499			
ISL	0	-0.33	33.724	27.11	95.83	0.000	1446.0				
ISL	10	-0.33	33.707	27.10	97.11	0.010	1446.1				
ISL	20	-0.33	33.695	27.09	97.98	0.019	1446.3				
ISL	30	-0.31	33.695	27.09	98.04	0.029	1446.5				
ISL	50	-0.27	33.725	27.11	95.87	0.049	1447.1				
ISL	75	-0.43	33.940	27.29	78.69	0.070	1447.1				
ISL	100	-0.68	34.127	27.45	63.28	0.088	1446.6				
ISL	125	0.02	34.227	27.50	58.83	0.103	1450.4				
ISL	150	0.56	34.289	27.52	57.11	0.118	1453.3				
ISL	200	1.13	34.380	27.56	53.98	0.146	1456.8				
ISL	250	1.33	34.427	27.58	51.94	0.172	1458.6				
ISL	300	1.49	34.481	27.62	49.27	0.197	1460.3				
ISL	400	1.99	34.585	27.66	45.84	0.245	1464.3				
ISL	500	2.04	34.637	27.70	42.77	0.289	1466.2				
ISL	600	2.05	34.667	27.72	41.00	0.331	1467.9				
ISL	700	2.02	34.692	27.75	39.37	0.371	1469.5				
ISL	800	1.96	34.710	27.76	37.93	0.410	1470.9				
ISL	900	1.88	34.723	27.78	36.70	0.447	1472.3				
ISL	1000	1.82	34.731	27.79	35.89	0.484	1473.7				
ISL	1100	1.76	34.737	27.80	35.20	0.519	1475.1				
ISL	1200	1.71	34.742	27.81	34.80	0.554	1476.6				
ISL	1300	1.65	34.744	27.82	34.39	0.589	1478.0				
ISL	1400	1.57	34.742	27.82	34.05	0.623	1479.4				
ISL	1500	1.48	34.741	27.82	33.57	0.657	1480.7				
ISL	1750	1.30	34.737	27.83	32.64	0.740	1484.1				
ISL	2000	1.15	34.732	27.84	31.90	0.820	1487.7				
ISL	2250	1.03	34.728	27.85	31.44	0.899	1491.4				
ISL	2500	0.91	34.722	27.85	30.86	0.977	1495.2				
ISL	2750	0.79	34.719	27.85	29.96	1.053	1498.9				
ISL	3000	0.66	34.718	27.86	28.71	1.127	1502.7				
ISL	3250	0.57	34.719	27.87	27.68	1.197	1506.7				
ISL	3500	0.51	34.719	27.87	27.06	1.266	1510.8				
ISL	3750	0.47	34.719	27.87	26.57	1.333	1515.0				
ISL	4000	0.45	34.717	27.87	26.61	1.399	1519.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 43	1182	0		1	5	70	0.5	6601.8S	7107.5W	523	3015	-14.5	-14.6	233	0	18

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	-1.72	33.986Q	27.37Q			1439.9Q	817			
OBS	55	-1.49	33.691	27.13			1441.5	802			
OBS	110	-1.28	34.141	27.49			1444.0	659			
OBS	165	-0.58	34.314	27.60			1448.4	591			
OBS	220	0.24	34.467	27.68			1453.3	520			
OBS	330	1.23	34.632	27.76			1459.8	446			
OBS	440	1.50	34.695	27.79			1462.9	429			
OBS	640	1.43	34.723	27.81			1466.0	441			
OBS	935	1.14	34.736	27.85			1469.6	459			
OBS	1230	0.83	34.727	27.86			1473.2	473			
OBS	1625	0.63	34.718	27.86			1479.0	483			
OBS	2020	0.49	34.715	27.87			1485.1	487			
OBS	2515	0.41	34.724	27.88			1493.3	491			
OBS	2765	0.40	34.720	27.88			1497.5	495			
OBS	2870	0.40	34.766Q	27.92Q			1499.4Q	500			
OBS	2920	0.39	34.776Q	27.92Q			1500.3Q	500			
OBS	2980	0.39	34.731	27.89			1501.3	500			
OBS	3010	0.39	34.728	27.89			1501.8	495			
ISL	0	-1.72	33.691	27.14	93.84	0.000	1439.5				
ISL	10	-1.68	33.691	27.13	93.85	0.009	1439.8				
ISL	20	-1.64	33.691	27.13	93.89	0.019	1440.2				
ISL	30	-1.60	33.691	27.13	93.92	0.028	1440.5				
ISL	50	-1.51	33.691	27.13	94.02	0.047	1441.3				
ISL	75	-1.41	33.881	27.28	79.58	0.069	1442.4				
ISL	100	-1.32	34.075	27.44	64.92	0.087	1443.5				
ISL	125	-1.14	34.197	27.53	56.12	0.102	1445.0				
ISL	150	-0.79	34.270	27.57	51.80	0.115	1447.1				
ISL	200	-0.07	34.416	27.66	43.98	0.139	1451.5				
ISL	250	0.59	34.528	27.71	39.26	0.160	1455.5				
ISL	300	1.04	34.603	27.75	36.69	0.179	1458.4				
ISL	400	1.47	34.682	27.78	34.20	0.215	1462.1				
ISL	500	1.53	34.711	27.80	32.85	0.248	1464.1				
ISL	600	1.46	34.719	27.81	31.98	0.280	1465.4				
ISL	700	1.38	34.728	27.82	31.02	0.312	1466.8				
ISL	800	1.28	34.734	27.83	29.99	0.342	1468.0				
ISL	900	1.18	34.736	27.84	29.24	0.372	1469.2				
ISL	1000	1.07	34.734	27.85	28.69	0.401	1470.4				
ISL	1100	0.97	34.731	27.85	28.22	0.430	1471.6				
ISL	1200	0.86	34.728	27.86	27.67	0.457	1472.8				
ISL	1300	0.78	34.725	27.86	27.29	0.485	1474.1				
ISL	1400	0.72	34.722	27.86	27.10	0.512	1475.6				
ISL	1500	0.68	34.720	27.86	27.01	0.539	1477.1				
ISL	1750	0.58	34.716	27.87	26.57	0.606	1480.9				
ISL	2000	0.50	34.715	27.87	26.01	0.672	1484.8				
ISL	2250	0.44	34.718	27.88	25.34	0.736	1488.8				
ISL	2500	0.41	34.724	27.88	24.75	0.799	1493.0				
ISL	2750	0.40	34.720	27.88	25.08	0.861	1497.3				
ISL	3000	0.39	34.729	27.89	24.40	0.923	1501.6				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 43	1183	0		1	5	70	5.5	6604.3S	7059.0W	523	2205-	13.6-	14.0	193	0	10

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	21	-1.71	33.693	27.14			1439.9	820			
OBS	301	1.55	34.678	27.77			1460.8	430			
OBS	702	1.27	34.729	27.83			1466.3	449			
OBS	1201	0.94	34.726	27.85			1473.2	465			
OBS	1703	0.65	34.709	27.86			1480.4	477			
OBS	1955	0.53	34.712	27.86			1484.2	482			
OBS	2057	0.50	34.716	27.87			1485.8	486			
OBS	2109	0.47	34.714	27.87			1486.5	485			
OBS	2160	0.47	34.714	27.87			1487.4	487			
OBS	2199	0.47	34.713	27.87			1488.1	484			
ISL	0	-1.71	33.693	27.14	93.71	0.000	1439.5				
ISL	10	-1.71	33.693	27.14	93.63	0.009	1439.7				
ISL	20	-1.71	33.693	27.14	93.57	0.019	1439.8				
ISL	30	-1.57	33.734	27.17	90.71	0.028	1440.7				
ISL	50	-1.27	33.823	27.23	84.61	0.045	1442.6				
ISL	75	-0.91	33.930	27.30	77.55	0.066	1444.8				
ISL	100	-0.57	34.032	27.37	71.02	0.084	1447.0				
ISL	125	-0.25	34.129	27.44	65.02	0.101	1449.0				
ISL	150	0.06	34.221	27.50	59.52	0.117	1451.0				
ISL	200	0.61	34.389	27.60	49.91	0.144	1454.5				
ISL	250	1.13	34.546	27.69	41.56	0.167	1457.9				
ISL	300	1.54	34.676	27.77	34.95	0.186	1460.8				
ISL	400	1.48	34.713	27.80	32.03	0.220	1462.2				
ISL	500	1.41	34.717	27.81	31.44	0.251	1463.6				
ISL	600	1.34	34.723	27.82	30.76	0.283	1464.9				
ISL	700	1.27	34.729	27.83	30.04	0.313	1466.3				
ISL	800	1.20	34.734	27.84	29.33	0.343	1467.7				
ISL	900	1.13	34.733	27.84	29.10	0.372	1469.0				
ISL	1000	1.07	34.730	27.85	28.96	0.401	1470.4				
ISL	1100	1.00	34.728	27.85	28.74	0.430	1471.8				
ISL	1200	0.94	34.726	27.85	28.53	0.458	1473.2				
ISL	1300	0.88	34.724	27.85	28.31	0.487	1474.6				
ISL	1400	0.82	34.721	27.85	28.13	0.515	1476.0				
ISL	1500	0.76	34.716	27.85	28.07	0.543	1477.4				
ISL	1750	0.62	34.709	27.86	27.57	0.613	1481.1				
ISL	2000	0.52	34.714	27.87	26.31	0.680	1484.9				

EL 43	1184	0		1	5	70	11.7	6608.3S	7052.8W	523	508	-12.6	-13.7	430	0	9

OBS	1	-1.73	33.694	27.14			1439.4	823
OBS	61	-1.25	33.759	27.18			1442.8	798
OBS	112	-0.98	34.223	27.54			1445.5	631
OBS	163	0.43	34.471	27.68			1453.2	512
OBS	214	0.85	34.562	27.72			1456.1	476
OBS	318	1.31	34.677	27.79			1460.0	434
OBS	428	1.37	34.714	27.81			1462.2	442
OBS	487	1.35	34.716	27.81			1463.1	440
OBS	507	1.35	34.717	27.82			1463.4	440

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 43	1185	0		5	5	70	1.0	6228.0S	9254.8W	525	4925	2.5		296	304	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	2.49	33.989	27.15			1459.1	741			
OBS	52	2.49	33.989	27.15			1459.9	737			
OBS	103	2.44	33.997	27.16			1460.5	726			
OBS	153	1.60	34.082	27.29			1457.8	704			
OBS	204	1.45	34.106	27.32			1458.0	684			
OBS	304	1.93	34.243	27.39			1461.9	575			
OBS	405	2.07	34.336	27.46			1464.4	514			
OBS	605	2.16	34.484	27.57			1468.3	441			
OBS	805	2.23	34.587	27.64			1472.1	411			
OBS	1005	2.15	34.645	27.70			1475.1	412			
OBS	1207	2.09	34.607Q	27.67Q			1478.2Q	421			
OBS	1407	1.95	34.677	27.74			1481.1	428			
OBS	1510	1.88	34.601Q	27.68Q			1482.4Q				
OBS	1900	1.60	34.742	27.82			1488.0	443			
OBS	2290	1.35	34.738	27.83			1493.6	461			
OBS	2685	1.13	34.726	27.84			1499.4	469			
OBS	3181	0.88	34.723	27.85			1507.0	478			
OBS	3685	0.63	34.721	27.87			1514.7	485			
OBS	4190	0.49	34.717	27.87			1523.1	492			
OBS	4605	0.45	34.716	27.87			1530.3	499			
OBS	4760	0.45	34.716	27.87			1533.1	497			
OBS	4850	0.44	34.711	27.87			1534.7	495			
OBS	4900	0.44	34.716	27.87			1535.6	492			
ISL	0	2.49	33.989	27.15	92.88	0.000	1459.0				
ISL	10	2.50	33.988	27.14	93.03	0.009	1459.2				
ISL	20	2.50	33.987	27.14	93.17	0.019	1459.4				
ISL	30	2.50	33.987	27.14	93.21	0.028	1459.6				
ISL	50	2.49	33.989	27.15	93.13	0.047	1459.9				
ISL	75	2.48	33.991	27.15	93.03	0.070	1460.2				
ISL	100	2.46	33.995	27.15	92.71	0.093	1460.6				
ISL	125	2.08	34.034	27.22	86.78	0.115	1459.4				
ISL	150	1.63	34.079	27.28	80.17	0.136	1457.8				
ISL	200	1.45	34.103	27.32	77.09	0.176	1457.9				
ISL	250	1.71	34.173	27.35	73.92	0.213	1460.0				
ISL	300	1.92	34.238	27.39	70.80	0.250	1461.8				
ISL	400	2.07	34.332	27.45	65.42	0.318	1464.2				
ISL	500	2.12	34.412	27.51	60.28	0.381	1466.3				
ISL	600	2.16	34.481	27.57	55.94	0.439	1468.2				
ISL	700	2.20	34.539	27.61	52.49	0.493	1470.1				
ISL	800	2.23	34.585	27.64	49.82	0.544	1472.0				
ISL	900	2.19	34.619	27.67	47.37	0.593	1473.5				
ISL	1000	2.15	34.644	27.70	45.60	0.639	1475.1				
ISL	1100	2.12	34.652	27.70	45.19	0.685	1476.6				
ISL	1200	2.09	34.659	27.71	44.83	0.730	1478.2				
ISL	1300	2.02	34.667	27.73	43.95	0.774	1479.6				
ISL	1400	1.95	34.676	27.74	42.97	0.817	1481.0				
ISL	1500	1.89	34.687	27.75	41.85	0.860	1482.4				
ISL	1750	1.71	34.721	27.79	38.31	0.960	1485.9				
ISL	2000	1.53	34.744	27.82	35.45	1.052	1489.4				
ISL	2250	1.37	34.739	27.83	34.70	1.140	1493.0				
ISL	2500	1.23	34.732	27.84	34.08	1.226	1496.7				
ISL	2750	1.10	34.725	27.84	33.41	1.310	1500.4				
ISL	3000	0.97	34.724	27.85	32.33	1.392	1504.2				
ISL	3250	0.85	34.723	27.85	31.13	1.472	1508.0				
ISL	3500	0.72	34.722	27.86	29.78	1.548	1511.9				
ISL	3750	0.61	34.721	27.87	28.48	1.621	1515.8				
ISL	4000	0.53	34.718	27.87	27.72	1.691	1519.9				
ISL	4500	0.45	34.716	27.87	27.01	1.828	1528.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 43	1186	0		9	5	70	4.7	5744.1S	10939.3W	490	4045	4.5		316	324	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	5.65	34.140	26.94			1472.6	693			
OBS	51	5.66	34.140	26.94			1473.4	693			
OBS	99	5.68	34.140	26.94			1474.3	688			
OBS	147	5.70	34.153	26.94			1475.2	687			
OBS	195	5.45	34.205	27.01			1475.0	660			
OBS	243	5.28	34.211	27.04			1475.1	653			
OBS	291	5.07	34.202	27.06			1475.0	643			
OBS	386	4.64	34.195	27.10			1474.8	625			
OBS	479	4.45	34.245	27.16			1475.6	564			
OBS	577	3.82	34.240	27.22			1474.6	552			
OBS	776	3.27	34.337	27.35			1475.7	483			
OBS	975	2.80	34.420	27.46			1477.1	445			
OBS	1147	2.59	34.503	27.55			1479.2	417			
OBS	1429	2.40	34.601	27.64			1483.2	405			
OBS	1809	2.18	34.697	27.74			1488.8	415			
OBS	2184	1.94	34.736	27.79			1494.2	437			
OBS	2559	1.65	34.737	27.81			1499.3	443			
OBS	3029	1.34	34.734	27.83			1506.1	462			
OBS	3399	1.13	34.730	27.84			1511.6	471			
OBS	3689	0.98	34.723	27.85			1516.1	481			
OBS	3834	0.85	34.721	27.85			1518.0	487			
OBS	3924	0.80	34.719	27.85			1519.4	489			
OBS	3974	0.74	34.716	27.86			1520.0	494			
ISL	0	5.65	34.140	26.94	112.45	0.000	1472.5				
ISL	10	5.65	34.140	26.94	112.58	0.011	1472.7				
ISL	20	5.65	34.140	26.94	112.74	0.023	1472.9				
ISL	30	5.65	34.140	26.94	112.88	0.034	1473.0				
ISL	50	5.66	34.140	26.94	113.18	0.056	1473.4				
ISL	75	5.67	34.140	26.94	113.62	0.085	1473.8				
ISL	100	5.68	34.140	26.94	114.05	0.113	1474.3				
ISL	125	5.69	34.143	26.94	114.26	0.142	1474.7				
ISL	150	5.69	34.155	26.95	113.67	0.170	1475.2				
ISL	200	5.43	34.207	27.02	107.28	0.225	1475.0				
ISL	250	5.25	34.210	27.04	105.56	0.279	1475.1				
ISL	300	5.03	34.201	27.06	104.25	0.331	1475.0				
ISL	400	4.60	34.199	27.11	100.46	0.433	1474.9				
ISL	500	4.34	34.248	27.17	94.93	0.531	1475.5				
ISL	600	3.72	34.251	27.24	88.64	0.623	1474.5				
ISL	700	3.46	34.301	27.31	82.96	0.709	1475.2				
ISL	800	3.21	34.348	27.37	77.44	0.789	1475.8				
ISL	900	2.95	34.388	27.42	72.35	0.864	1476.4				
ISL	1000	2.76	34.431	27.48	67.71	0.934	1477.3				
ISL	1100	2.63	34.481	27.53	63.25	0.999	1478.5				
ISL	1200	2.54	34.525	27.57	59.58	1.061	1479.9				
ISL	1300	2.48	34.561	27.60	56.72	1.119	1481.3				
ISL	1400	2.42	34.592	27.63	54.25	1.174	1482.8				
ISL	1500	2.36	34.623	27.66	51.84	1.227	1484.2				
ISL	1750	2.22	34.685	27.72	46.83	1.351	1487.9				
ISL	2000	2.06	34.723	27.77	43.36	1.464	1491.6				
ISL	2250	1.89	34.738	27.79	41.19	1.569	1495.1				
ISL	2500	1.69	34.737	27.81	39.59	1.670	1498.5				
ISL	2750	1.52	34.736	27.82	38.15	1.767	1502.1				
ISL	3000	1.36	34.734	27.83	36.82	1.861	1505.7				
ISL	3250	1.21	34.732	27.84	35.54	1.952	1509.4				
ISL	3500	1.08	34.728	27.84	34.45	2.039	1513.2				
ISL	3750	0.93	34.722	27.85	33.08	2.123	1516.9				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 43	1187	0		11	5	70	12.7	5233.9S	11951.8W	491	2180	4.6	-3.2	243	222	17

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	6.62	34.185	26.85			1476.5	686			
OBS	51	6.61	34.183	26.85			1477.3	683			
OBS	100	6.62	34.241	26.89			1478.2	674			
OBS	149	6.59	34.261	26.91			1478.9	671			
OBS	198	6.57	34.319	26.96			1479.7	642			
OBS	247	6.21	34.293	26.99			1479.0	649			
OBS	296	6.00	34.280	27.01			1479.0	640			
OBS	396	5.70	34.277	27.04			1479.4	609			
OBS	496	5.22	34.254	27.08			1479.1	591			
OBS	596	4.98	34.295	27.14			1479.8	534			
OBS	794	4.02	34.314	27.26			1479.1	504			
OBS	993	3.22	34.365	27.38			1479.1	465			
OBS	1102	2.96	34.423	27.45			1479.9	439			
OBS	1395	2.52	34.549	27.59			1483.1	409			
OBS	1689	2.32	34.649	27.69			1487.3	405			
OBS	1985	2.15	34.703	27.74			1491.6	414			
OBS	2161	2.03	34.713	27.76			1494.1	414			
ISL	0	6.62	34.185	26.85	120.88	0.000	1476.5				
ISL	10	6.62	34.182	26.85	121.22	0.012	1476.6				
ISL	20	6.62	34.180	26.85	121.51	0.024	1476.8				
ISL	30	6.61	34.179	26.85	121.66	0.036	1476.9				
ISL	50	6.61	34.182	26.85	121.64	0.061	1477.3				
ISL	75	6.61	34.214	26.87	119.72	0.091	1477.7				
ISL	100	6.62	34.241	26.89	118.15	0.121	1478.2				
ISL	125	6.60	34.251	26.90	117.55	0.150	1478.5				
ISL	150	6.59	34.262	26.91	116.92	0.179	1478.9				
ISL	200	6.56	34.319	26.96	113.05	0.237	1479.7				
ISL	250	6.19	34.292	26.99	111.01	0.293	1479.0				
ISL	300	5.99	34.279	27.01	109.96	0.348	1479.0				
ISL	400	5.68	34.276	27.04	107.66	0.457	1479.4				
ISL	500	5.21	34.254	27.08	104.57	0.563	1479.1				
ISL	600	4.97	34.296	27.14	99.66	0.665	1479.8				
ISL	700	4.46	34.302	27.20	94.19	0.762	1479.4				
ISL	800	3.99	34.315	27.26	88.62	0.854	1479.1				
ISL	900	3.54	34.333	27.32	82.93	0.939	1478.9				
ISL	1000	3.20	34.368	27.38	77.21	1.019	1479.1				
ISL	1100	2.96	34.422	27.45	71.24	1.094	1479.8				
ISL	1200	2.78	34.469	27.50	66.22	1.162	1480.8				
ISL	1300	2.62	34.513	27.55	61.91	1.226	1481.9				
ISL	1400	2.51	34.551	27.59	58.40	1.287	1483.1				
ISL	1500	2.44	34.590	27.63	55.17	1.343	1484.5				
ISL	1750	2.28	34.664	27.70	49.20	1.474	1488.2				
ISL	2000	2.14	34.704	27.75	45.66	1.592	1491.8				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 43	1188	0		14	5	70	5.5	4655.3S	12943.1W	456	4500	8.6		265	283	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	9.91	34.220	26.38			1489.1	642			
OBS	52	9.91	34.218	26.38			1489.9	635			
OBS	102	9.49	34.261	26.48			1489.2	634			
OBS	152	7.53	34.323	26.83			1482.7	628			
OBS	202	7.06	34.388	26.95			1481.8	606			
OBS	303	6.80	34.395	26.99			1482.4	616			
OBS	404	6.61	34.378	27.00			1483.3	626			
OBS	504	6.36	34.360	27.02			1484.0	620			
OBS	606	5.98	34.326	27.04			1484.1	604			
OBS	708	5.60	34.301	27.07			1484.2	591			
OBS	859	4.96	34.304	27.15			1484.1	520			
OBS	1010	4.23	34.334	27.25			1483.6	485			
OBS	1290	3.14	34.424	27.44			1483.8	437			
OBS	1586	2.65	34.551	27.58			1486.9	396			
OBS	1984	2.31	34.646	27.68			1492.3	376			
OBS	2476	1.98	34.681	27.74			1499.3	367			
OBS	2969	1.76	34.686	27.76			1506.9	380			
OBS	3472	1.56	34.710	27.79			1514.8	413			
OBS	3877	1.40	34.718	27.81			1521.2	440			
OBS	4188	1.30	34.719	27.82			1526.3	456			
OBS	4340	1.30	34.721	27.82			1529.0	454			
OBS	4420	1.29	34.721	27.82			1530.4	454			
OBS	4487	1.29	34.720	27.82			1531.5	454			
ISL	0	9.91	34.220	26.38	165.61	0.000	1489.1				
ISL	10	9.95	34.217	26.37	166.64	0.017	1489.4				
ISL	20	9.98	34.215	26.36	167.47	0.033	1489.6				
ISL	30	9.98	34.214	26.36	167.78	0.050	1489.8				
ISL	50	9.92	34.217	26.38	166.98	0.084	1489.9				
ISL	75	9.83	34.233	26.40	164.93	0.125	1490.0				
ISL	100	9.53	34.259	26.47	158.76	0.166	1489.4				
ISL	125	8.61	34.289	26.64	142.84	0.203	1486.4				
ISL	150	7.58	34.320	26.82	125.94	0.237	1482.9				
ISL	200	7.07	34.385	26.95	114.91	0.297	1481.8				
ISL	250	6.92	34.399	26.98	112.59	0.354	1482.0				
ISL	300	6.81	34.395	26.99	112.12	0.410	1482.4				
ISL	400	6.62	34.379	27.00	112.27	0.522	1483.3				
ISL	500	6.37	34.361	27.02	111.66	0.634	1483.9				
ISL	600	6.00	34.328	27.04	110.52	0.745	1484.1				
ISL	700	5.63	34.302	27.07	108.73	0.855	1484.2				
ISL	800	5.22	34.298	27.12	104.93	0.962	1484.2				
ISL	900	4.77	34.310	27.18	99.35	1.064	1484.0				
ISL	1000	4.28	34.331	27.25	92.55	1.160	1483.6				
ISL	1100	3.83	34.359	27.32	85.97	1.249	1483.5				
ISL	1200	3.43	34.391	27.38	79.63	1.332	1483.5				
ISL	1300	3.11	34.428	27.44	73.79	1.409	1483.9				
ISL	1400	2.88	34.468	27.49	68.80	1.480	1484.6				
ISL	1500	2.75	34.516	27.54	64.33	1.546	1485.8				
ISL	1750	2.48	34.599	27.63	56.33	1.697	1489.0				
ISL	2000	2.30	34.649	27.69	51.69	1.832	1492.5				
ISL	2250	2.12	34.673	27.72	48.76	1.958	1496.0				
ISL	2500	1.97	34.682	27.74	47.17	2.078	1499.6				
ISL	2750	1.85	34.682	27.75	46.55	2.195	1503.5				
ISL	3000	1.75	34.687	27.76	45.62	2.310	1507.3				
ISL	3250	1.65	34.700	27.78	44.04	2.422	1511.3				
ISL	3500	1.55	34.711	27.80	42.57	2.530	1515.2				
ISL	3750	1.45	34.716	27.81	41.37	2.635	1519.2				
ISL	4000	1.36	34.718	27.82	40.39	2.738	1523.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 43	1189	0		16	5	70	18.6	5342.0S	13238.6W	493	5015	4.6		285	233	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	7.89	34.472	26.90			1481.9	650			
OBS	52	7.90	34.468	26.89			1482.7	650			
OBS	101	7.90	34.467	26.89			1483.5	650			
OBS	150	7.90	34.466	26.89			1484.3	650			
OBS	199	7.90	34.470	26.89			1485.1	592			
OBS	298	7.62	34.481	26.94			1485.7	645			
OBS	396	7.21	34.442	26.97			1485.7	586			
OBS	495	6.81	34.398	26.99			1485.7	598			
OBS	594	6.36	34.360	27.02			1485.5	584			
OBS	793	5.49	34.355	27.13			1485.3	509			
OBS	993	4.17	34.347	27.27			1483.1	484			
OBS	1193	3.32	34.390	27.39			1483.0	455			
OBS	1584	2.60	34.544	27.58			1486.7	406			
OBS	1959	2.36	34.657	27.69			1492.2	403			
OBS	2444	2.06	34.733	27.77			1499.3	436			
OBS	2923	1.64	34.743	27.82			1505.8	461			
OBS	3422	1.37	34.730	27.82			1513.3	454			
OBS	3910	1.33	34.728	27.83			1521.7	461			
OBS	4319	1.35	34.728	27.82			1529.1	463			
OBS	4622	1.34	34.726	27.82			1534.4	458			
OBS	4776	1.37	34.725	27.82			1537.3	466			
OBS	4917	1.39	34.722	27.82			1539.9	460			
OBS	4992	1.41	34.726	27.82			1541.4	458			
ISL	0	7.89	34.472	26.90	116.49	0.000	1481.8				
ISL	10	7.89	34.471	26.90	116.74	0.012	1482.0				
ISL	20	7.89	34.470	26.89	117.05	0.023	1482.2				
ISL	30	7.90	34.469	26.89	117.28	0.035	1482.3				
ISL	50	7.90	34.468	26.89	117.79	0.059	1482.7				
ISL	75	7.90	34.467	26.89	118.27	0.088	1483.1				
ISL	100	7.90	34.467	26.89	118.76	0.118	1483.5				
ISL	125	7.90	34.466	26.89	119.20	0.147	1483.9				
ISL	150	7.90	34.466	26.89	119.69	0.177	1484.3				
ISL	200	7.90	34.470	26.89	120.25	0.237	1485.1				
ISL	250	7.79	34.475	26.91	119.20	0.297	1485.6				
ISL	300	7.61	34.481	26.94	117.04	0.356	1485.7				
ISL	400	7.19	34.440	26.97	115.66	0.473	1485.7				
ISL	500	6.79	34.396	26.99	114.77	0.588	1485.7				
ISL	600	6.33	34.360	27.03	112.61	0.701	1485.5				
ISL	700	5.89	34.357	27.08	108.15	0.812	1485.3				
ISL	800	5.45	34.355	27.13	103.70	0.918	1485.2				
ISL	900	4.78	34.351	27.21	96.44	1.018	1484.1				
ISL	1000	4.13	34.348	27.28	89.60	1.111	1483.1				
ISL	1100	3.66	34.365	27.34	83.53	1.197	1482.8				
ISL	1200	3.30	34.392	27.39	77.92	1.278	1483.0				
ISL	1300	3.01	34.430	27.45	72.42	1.353	1483.5				
ISL	1400	2.81	34.475	27.51	67.31	1.423	1484.4				
ISL	1500	2.70	34.514	27.55	63.79	1.489	1485.6				
ISL	1750	2.49	34.599	27.63	56.43	1.639	1489.1				
ISL	2000	2.33	34.666	27.70	50.83	1.773	1492.8				
ISL	2250	2.18	34.711	27.75	46.75	1.895	1496.4				
ISL	2500	2.02	34.737	27.78	43.87	2.008	1500.1				
ISL	2750	1.79	34.744	27.81	41.22	2.115	1503.4				
ISL	3000	1.58	34.742	27.82	39.40	2.215	1506.8				
ISL	3250	1.44	34.733	27.82	38.71	2.313	1510.6				
ISL	3500	1.35	34.729	27.83	38.37	2.409	1514.6				
ISL	3750	1.33	34.728	27.83	38.71	2.506	1518.9				
ISL	4000	1.33	34.728	27.83	39.35	2.603	1523.3				
ISL	4500	1.35	34.727	27.82	40.82	2.804	1532.3				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 43	1190	0		24	5	70	11.2	6024.7S	16227.7W	532	3500	3.2		305	343	12

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	3	1.80	33.905	27.13			1455.9	759			
OBS	53	1.79	33.916	27.14			1456.7	755			
OBS	113	1.72	33.929	27.16			1457.4	748			
OBS	163	1.12	34.014	27.27			1455.7	711			
OBS	213	1.79	34.150	27.33			1459.7	609			
OBS	263	1.95	34.214	27.37			1461.3	563			
OBS	313	2.08	34.263	27.40			1462.8	528			
OBS	413	2.32	34.377	27.47			1465.6	463			
OBS	513	2.33	34.460	27.53			1467.5	428			
OBS	613	2.35	34.530	27.59			1469.3	411			
OBS	813	2.30	34.617	27.66			1472.5	409			
OBS	1023	2.20	34.684	27.72			1475.7	417			
ISL	0	1.80	33.905	27.13	94.07	0.000	1455.9				
ISL	10	1.80	33.907	27.13	94.01	0.009	1456.1				
ISL	20	1.81	33.909	27.14	93.89	0.019	1456.2				
ISL	30	1.80	33.911	27.14	93.72	0.028	1456.4				
ISL	50	1.79	33.915	27.14	93.38	0.047	1456.7				
ISL	75	1.78	33.921	27.15	92.91	0.070	1457.0				
ISL	100	1.76	33.926	27.15	92.48	0.093	1457.4				
ISL	125	1.61	33.944	27.18	90.15	0.116	1457.2				
ISL	150	1.26	33.986	27.24	84.57	0.138	1456.1				
ISL	200	1.66	34.118	27.31	77.50	0.179	1458.8				
ISL	250	1.91	34.199	27.36	73.49	0.216	1460.9				
ISL	300	2.05	34.250	27.39	71.00	0.252	1462.4				
ISL	400	2.30	34.363	27.46	65.03	0.320	1465.3				
ISL	500	2.33	34.450	27.53	59.32	0.383	1467.2				
ISL	600	2.35	34.522	27.58	54.62	0.440	1469.1				
ISL	700	2.34	34.576	27.63	51.08	0.492	1470.8				
ISL	800	2.30	34.612	27.66	48.52	0.542	1472.3				
ISL	900	2.27	34.648	27.69	45.94	0.589	1473.9				
ISL	1000	2.21	34.678	27.72	43.74	0.634	1475.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 43	1191	0		27	5	70	1.8	5449.2S	17508.0W	497	5250	7.4		296	283	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	3	6.56	34.167	26.84			1476.3	683			
OBS	52	6.54	34.177	26.85			1477.0	682			
OBS	100	6.50	34.176	26.86			1477.6	682			
OBS	148	6.43	34.263	26.94			1478.3	637			
OBS	196	6.01	34.265	26.99			1477.4	637			
OBS	294	5.05	34.187	27.05			1475.0	634			
OBS	392	5.13	34.269	27.10			1477.0	582			
OBS	488	4.64	34.273	27.16			1476.6	548			
OBS	588	4.10	34.278	27.22			1476.0	533			
OBS	783	3.35	34.329	27.34			1476.1	495			
OBS	983	2.83	34.411	27.45			1477.4	449			
OBS	1330	2.48	34.559	27.60			1481.9	410			
OBS	1717	2.31	34.678	27.71			1487.8	419			
OBS	2204	2.06	34.739	27.78			1495.1	454			
OBS	2703	1.69	34.747	27.81			1502.1	461			
OBS	3193	1.37	34.740	27.83			1509.2	472			
OBS	3693	1.11	34.723	27.84			1516.8	476			
OBS	4190	0.94	34.713	27.84			1524.8	489			
OBS	4660	0.89	34.712	27.84			1533.0	492			
OBS	4958	0.88	34.712	27.84			1538.3	491			
OBS	5103	0.88	34.717	27.85			1540.9	491			
OBS	5173	0.89	34.714	27.84			1542.2	493			
OBS	5223	0.89	34.712	27.84			1543.1	496			
ISL	0	6.56	34.167	26.84	121.44	0.000	1476.2				
ISL	10	6.56	34.168	26.85	121.50	0.012	1476.4				
ISL	20	6.56	34.170	26.85	121.47	0.024	1476.5				
ISL	30	6.55	34.172	26.85	121.39	0.036	1476.7				
ISL	50	6.54	34.177	26.85	121.20	0.061	1477.0				
ISL	75	6.52	34.177	26.86	121.32	0.091	1477.3				
ISL	100	6.50	34.176	26.86	121.44	0.121	1477.6				
ISL	125	6.47	34.223	26.90	117.97	0.151	1478.0				
ISL	150	6.42	34.265	26.94	114.52	0.180	1478.2				
ISL	200	5.97	34.263	27.00	109.70	0.236	1477.3				
ISL	250	5.49	34.228	27.03	107.07	0.291	1476.1				
ISL	300	5.03	34.188	27.05	105.17	0.344	1475.0				
ISL	400	5.10	34.270	27.11	101.10	0.447	1477.0				
ISL	500	4.58	34.274	27.17	95.68	0.545	1476.5				
ISL	600	4.04	34.280	27.23	90.09	0.638	1476.0				
ISL	700	3.63	34.301	27.29	84.71	0.725	1475.9				
ISL	800	3.30	34.335	27.35	79.32	0.807	1476.2				
ISL	900	3.02	34.376	27.41	73.95	0.884	1476.7				
ISL	1000	2.80	34.418	27.46	69.09	0.956	1477.5				
ISL	1100	2.64	34.460	27.51	64.84	1.023	1478.5				
ISL	1200	2.57	34.503	27.55	61.45	1.086	1480.0				
ISL	1300	2.50	34.547	27.59	58.04	1.145	1481.4				
ISL	1400	2.45	34.585	27.62	55.15	1.202	1482.9				
ISL	1500	2.41	34.618	27.65	52.74	1.256	1484.5				
ISL	1750	2.29	34.685	27.72	47.78	1.382	1488.3				
ISL	2000	2.18	34.725	27.76	44.64	1.497	1492.1				
ISL	2250	2.03	34.742	27.78	42.64	1.606	1495.8				
ISL	2500	1.84	34.747	27.80	40.72	1.711	1499.2				
ISL	2750	1.66	34.747	27.82	39.24	1.810	1502.7				
ISL	3000	1.49	34.744	27.83	37.92	1.907	1506.3				
ISL	3250	1.34	34.738	27.83	36.85	2.000	1510.0				
ISL	3500	1.20	34.729	27.84	36.17	2.092	1513.8				
ISL	3750	1.08	34.721	27.84	35.48	2.181	1517.7				
ISL	4000	0.99	34.716	27.84	34.92	2.269	1521.7				
ISL	4500	0.90	34.712	27.84	34.49	2.443	1530.2				
ISL	5000	0.88	34.713	27.84	34.71	2.616	1539.0				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 43	1192	0		29	5	70	14.2	5100.5S	17709.9E	498	4575	6.5		275	263	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	3	6.18	33.990	26.75			1474.5	698			
OBS	53	6.24	34.028	26.78			1475.6	691			
OBS	103	6.17	34.084	26.83			1476.2	679			
OBS	154	5.72	34.132	26.92			1475.3	657			
OBS	205	5.51	34.190	27.00			1475.4	638			
OBS	306	4.93	34.195	27.07			1474.7	611			
OBS	407	4.54	34.223	27.13			1474.8	577			
OBS	507	4.13	34.266	27.21			1474.8	538			
OBS	607	3.73	34.304	27.28			1474.8	510			
OBS	708	3.30	34.327	27.34			1474.7	493			
OBS	859	2.94	34.399	27.43			1475.8	457			
OBS	1011	2.70	34.470	27.51			1477.4	424			
OBS	1259	2.45	34.599	27.64			1480.6	409			
OBS	1559	2.28	34.686	27.72			1485.1	420			
OBS	1954	2.05	34.731	27.77			1490.8	440			
OBS	2352	1.75	34.750	27.81			1496.4	459			
OBS	2751	1.40	34.739	27.83			1501.7	469			
OBS	3151	1.11	34.726	27.84			1507.4	475			
OBS	3561	0.92	34.719	27.85			1513.7	484			
OBS	3967	0.83	34.712	27.85			1520.5	494			
OBS	4280	0.81	34.713	27.85			1525.9	494			
OBS	4477	0.80	34.710	27.85			1529.4	493			
OBS	4567	0.79	34.711	27.85			1531.0	495			
ISL	0	6.18	33.990	26.75	129.97	0.000	1474.5				
ISL	10	6.20	33.995	26.76	129.99	0.013	1474.7				
ISL	20	6.22	34.001	26.76	129.85	0.026	1475.0				
ISL	30	6.23	34.009	26.76	129.58	0.039	1475.2				
ISL	50	6.24	34.025	26.77	128.75	0.065	1475.6				
ISL	75	6.24	34.053	26.80	127.03	0.097	1476.0				
ISL	100	6.18	34.081	26.83	124.55	0.128	1476.2				
ISL	125	5.97	34.105	26.87	120.44	0.159	1475.8				
ISL	150	5.75	34.128	26.92	116.36	0.188	1475.4				
ISL	200	5.53	34.185	26.99	110.16	0.245	1475.4				
ISL	250	5.26	34.191	27.03	107.09	0.299	1475.1				
ISL	300	4.96	34.194	27.06	103.93	0.352	1474.7				
ISL	400	4.57	34.220	27.13	98.51	0.453	1474.8				
ISL	500	4.16	34.263	27.21	91.72	0.548	1474.8				
ISL	600	3.76	34.302	27.28	85.31	0.637	1474.8				
ISL	700	3.33	34.325	27.34	79.79	0.720	1474.7				
ISL	800	3.05	34.371	27.40	74.05	0.796	1475.2				
ISL	900	2.87	34.418	27.46	69.21	0.868	1476.1				
ISL	1000	2.71	34.465	27.51	64.73	0.935	1477.2				
ISL	1100	2.59	34.515	27.56	60.34	0.998	1478.4				
ISL	1200	2.49	34.567	27.61	55.89	1.056	1479.8				
ISL	1300	2.43	34.615	27.65	52.17	1.110	1481.2				
ISL	1400	2.37	34.648	27.68	49.63	1.161	1482.7				
ISL	1500	2.31	34.675	27.71	47.52	1.209	1484.2				
ISL	1750	2.17	34.716	27.75	44.05	1.324	1487.9				
ISL	2000	2.02	34.735	27.78	41.96	1.431	1491.5				
ISL	2250	1.83	34.748	27.80	39.71	1.533	1495.0				
ISL	2500	1.62	34.747	27.82	38.02	1.630	1498.3				
ISL	2750	1.40	34.739	27.83	36.41	1.723	1501.7				
ISL	3000	1.21	34.731	27.84	35.01	1.813	1505.2				
ISL	3250	1.05	34.724	27.84	33.92	1.899	1508.8				
ISL	3500	0.94	34.720	27.85	33.03	1.983	1512.7				
ISL	3750	0.87	34.716	27.85	32.66	2.065	1516.8				
ISL	4000	0.83	34.712	27.85	32.66	2.146	1521.0				
ISL	4500	0.80	34.710	27.85	32.95	2.310	1529.8				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 43	1193	0		30	5	70	2.8	5029.7S	17619.8E	498	2990	8.0		296	293	19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	3	7.61	34.292	26.80			1480.6	675			
OBS	53	7.60	34.291	26.80			1481.3	662			
OBS	103	7.58	34.287	26.80			1482.1	661			
OBS	152	7.64	34.299	26.80			1483.1	657			
OBS	201	7.84	34.447	26.88			1484.9	627			
OBS	250	7.78	34.476	26.92			1485.5	621			
OBS	298	7.66	34.476	26.93			1485.8	611			
OBS	401	7.25	34.448	26.97			1485.9	610			
OBS	505	6.82	34.414	27.00			1485.9	588			
OBS	606	6.27	34.393	27.06			1485.3	541			
OBS	810	4.72	34.352	27.22			1482.3	500			
OBS	1013	3.44	34.354	27.35			1480.3	476			
OBS	1326	2.81	34.470	27.50			1483.0	431			
OBS	1610	2.48	34.592	27.63			1486.6	409			
OBS	1996	2.25	34.708	27.74			1492.3	425			
OBS	2387	1.93	34.750	27.80			1497.6	449			
OBS	2661	1.67	34.749	27.82			1501.2	461			
OBS	2845	1.48	34.742	27.83			1503.5	464			
OBS	2933	1.35	34.738	27.83			1504.5	470			
ISL	0	7.61	34.292	26.80	125.99	0.000	1480.5				
ISL	10	7.61	34.292	26.80	126.14	0.013	1480.7				
ISL	20	7.61	34.291	26.80	126.29	0.025	1480.8				
ISL	30	7.60	34.291	26.80	126.43	0.038	1481.0				
ISL	50	7.60	34.291	26.80	126.74	0.063	1481.3				
ISL	75	7.59	34.289	26.80	127.16	0.095	1481.7				
ISL	100	7.58	34.287	26.80	127.60	0.127	1482.0				
ISL	125	7.59	34.288	26.80	128.05	0.159	1482.5				
ISL	150	7.64	34.296	26.80	128.51	0.191	1483.1				
ISL	200	7.84	34.445	26.88	121.20	0.253	1484.9				
ISL	250	7.78	34.476	26.92	118.94	0.313	1485.5				
ISL	300	7.65	34.476	26.93	117.98	0.372	1485.8				
ISL	400	7.25	34.448	26.97	115.93	0.489	1485.9				
ISL	500	6.84	34.415	27.00	114.12	0.604	1485.9				
ISL	600	6.31	34.394	27.06	109.67	0.716	1485.4				
ISL	700	5.54	34.374	27.14	102.31	0.822	1483.9				
ISL	800	4.79	34.353	27.21	95.36	0.921	1482.5				
ISL	900	4.08	34.347	27.28	88.24	1.013	1481.2				
ISL	1000	3.51	34.352	27.34	81.84	1.098	1480.4				
ISL	1100	3.15	34.378	27.40	76.54	1.177	1480.6				
ISL	1200	3.00	34.419	27.44	72.52	1.252	1481.7				
ISL	1300	2.85	34.460	27.49	68.41	1.322	1482.8				
ISL	1400	2.71	34.500	27.54	64.30	1.389	1483.9				
ISL	1500	2.58	34.544	27.58	60.27	1.451	1485.1				
ISL	1750	2.40	34.642	27.67	52.23	1.591	1488.7				
ISL	2000	2.25	34.709	27.74	46.67	1.715	1492.3				
ISL	2250	2.05	34.744	27.78	42.78	1.827	1495.8				
ISL	2500	1.83	34.752	27.81	40.22	1.931	1499.1				
ISL	2750	1.58	34.746	27.82	38.31	2.029	1502.3				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 43	1194	0		30	5	70	10.1	5017.0S	17602.0E	498	1940	8.3		317	283	12

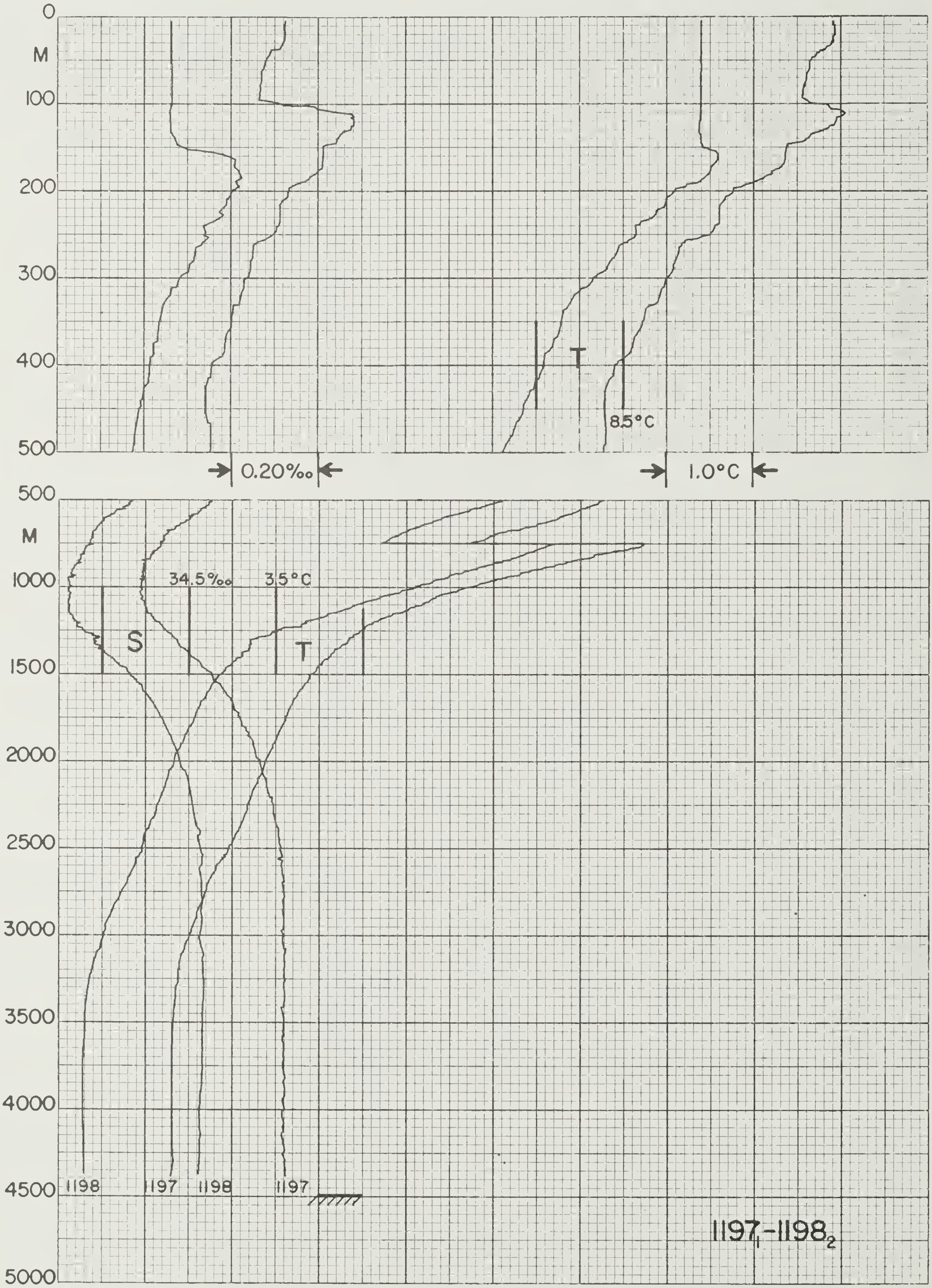
TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	7.66	34.308	26.80			1480.8	671			
OBS	47	7.67	34.310	26.80			1481.5	669			
OBS	121	7.68	34.320	26.81			1482.8	666			
OBS	220	7.91	34.491	26.91			1485.5	627			
OBS	319	7.72	34.496	26.94			1486.4	614			
OBS	418	7.43	34.475	26.97			1486.9	616			
OBS	616	6.54	34.407	27.04			1486.6	551			
OBS	812	5.39	34.370	27.15			1485.2	505			
OBS	1009	4.13	34.341	27.27			1483.2	497			
OBS	1205	3.21	34.382	27.40			1482.6	468			
OBS	1611	2.51	34.579	27.61			1486.7	414			
OBS	1914	2.33	34.663	27.70			1491.2	417			
ISL	0	7.66	34.308	26.80	125.47	0.000	1480.7				
ISL	10	7.66	34.308	26.80	125.68	0.013	1480.9				
ISL	20	7.66	34.308	26.80	125.86	0.025	1481.1				
ISL	30	7.67	34.309	26.80	126.00	0.038	1481.2				
ISL	50	7.67	34.310	26.80	126.30	0.063	1481.6				
ISL	75	7.67	34.312	26.80	126.61	0.095	1482.0				
ISL	100	7.68	34.314	26.80	126.89	0.126	1482.4				
ISL	125	7.69	34.324	26.81	126.74	0.158	1482.9				
ISL	150	7.72	34.358	26.83	125.18	0.189	1483.5				
ISL	200	7.88	34.468	26.89	120.14	0.251	1485.1				
ISL	250	7.89	34.503	26.92	118.54	0.310	1486.0				
ISL	300	7.77	34.498	26.93	117.99	0.370	1486.3				
ISL	400	7.49	34.480	26.96	116.94	0.487	1486.8				
ISL	500	7.11	34.448	26.99	115.37	0.603	1486.9				
ISL	600	6.62	34.411	27.03	112.78	0.717	1486.6				
ISL	700	6.08	34.388	27.08	108.36	0.828	1486.1				
ISL	800	5.46	34.372	27.14	102.58	0.933	1485.3				
ISL	900	4.84	34.355	27.21	96.85	1.033	1484.3				
ISL	1000	4.18	34.341	27.27	90.68	1.127	1483.2				
ISL	1100	3.66	34.353	27.33	84.34	1.214	1482.7				
ISL	1200	3.23	34.380	27.39	78.00	1.295	1482.6				
ISL	1300	2.91	34.421	27.45	71.86	1.370	1483.0				
ISL	1400	2.73	34.479	27.52	66.14	1.439	1484.0				
ISL	1500	2.63	34.533	27.57	61.61	1.503	1485.3				
ISL	1750	2.38	34.622	27.66	53.48	1.647	1488.6				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 43	1195	0		30	5	70	19.3	4957.9S	17526.3E	462	1005	7.8		286	284	11

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	3	7.54	34.266	26.79			1480.2	671			
OBS	91	7.54	34.266	26.79			1481.7	665			
OBS	189	7.76	34.344	26.82			1484.3	644			
OBS	286	7.59	34.454	26.93			1485.3	618			
OBS	383	7.43	34.457	26.95			1486.3	605			
OBS	478	6.63	34.341	26.97			1484.6	610			
OBS	578	6.68	34.416	27.02			1486.6	560			
OBS	678	6.04	34.371	27.07			1485.6	541			
OBS	773	5.37	34.348	27.14			1484.4	518			
OBS	873	4.81	34.345	27.20			1483.8	505			
OBS	978	4.13	34.346	27.28			1482.7	491			
ISL	0	7.54	34.266	26.79	126.96	0.000	1480.2				
ISL	10	7.54	34.264	26.78	127.24	0.013	1480.4				
ISL	20	7.53	34.261	26.78	127.57	0.025	1480.5				
ISL	30	7.53	34.260	26.78	127.80	0.038	1480.7				
ISL	50	7.53	34.259	26.78	128.22	0.064	1481.0				
ISL	75	7.53	34.262	26.78	128.38	0.096	1481.4				
ISL	100	7.55	34.270	26.79	128.42	0.128	1481.9				
ISL	125	7.59	34.285	26.79	128.30	0.160	1482.5				
ISL	150	7.67	34.305	26.80	128.29	0.192	1483.2				
ISL	200	7.74	34.355	26.83	126.49	0.256	1484.4				
ISL	250	7.65	34.409	26.88	122.02	0.318	1484.9				
ISL	300	7.57	34.462	26.94	117.77	0.378	1485.5				
ISL	400	7.33	34.445	26.96	117.31	0.495	1486.2				
ISL	500	6.59	34.348	26.98	115.54	0.612	1484.8				
ISL	600	6.57	34.405	27.03	112.53	0.726	1486.5				
ISL	700	5.89	34.364	27.09	107.61	0.836	1485.4				
ISL	800	5.21	34.345	27.15	101.30	0.940	1484.2				
ISL	900	4.64	34.345	27.22	95.12	1.039	1483.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1196	0		26	6	70	10.9	4417.0S	16718.9E	463	3695	12.4		0	0	15

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	13.62	34.910	26.22			1502.8	606			
OBS	53	13.59	35.030	26.31			1503.7	603			
OBS	102	13.49	35.051	26.35			1504.2	544			
OBS	152	12.30	35.086	26.62			1501.1	527			
OBS	418	8.74	34.645	26.90			1492.2	528			
OBS	607	7.29	34.508	27.01			1489.5	483			
OBS	794	6.17	34.454	27.12			1488.2	453			
OBS	1075	4.25	34.435	27.33			1485.0	420			
OBS	1547	2.87	34.591	27.59			1487.3	370			
OBS	2026	2.38	34.665	27.69			1493.4	386			
OBS	2505	1.92	34.716	27.77			1499.7	429			
OBS	2990	1.43	34.723	27.81			1506.0	433			
OBS	3476	1.23	34.718	27.82			1513.7				
OBS	3573	1.21	34.719	27.83			1515.3	464			
OBS	3622	1.21	34.718	27.83			1516.1	460			
ISL	0	13.62	34.910	26.22	181.15	0.000	1502.8				
ISL	10	13.63	34.936	26.23	179.59	0.018	1503.0				
ISL	20	13.63	34.963	26.25	177.96	0.036	1503.2				
ISL	30	13.62	34.987	26.27	176.38	0.054	1503.4				
ISL	50	13.59	35.025	26.31	173.57	0.089	1503.7				
ISL	75	13.56	35.039	26.33	172.65	0.132	1504.0				
ISL	100	13.51	35.050	26.35	171.52	0.175	1504.3				
ISL	125	12.94	35.066	26.47	159.90	0.216	1502.8				
ISL	150	12.35	35.085	26.61	147.93	0.255	1501.2				
ISL	200	11.36	35.026	26.75	135.33	0.326	1498.5				
ISL	250	10.49	34.906	26.81	130.13	0.392	1496.2				
ISL	300	9.91	34.806	26.84	128.72	0.457	1494.8				
ISL	400	8.92	34.667	26.89	124.90	0.584	1492.6				
ISL	500	8.00	34.570	26.96	119.54	0.706	1490.6				
ISL	600	7.34	34.511	27.01	115.62	0.823	1489.6				
ISL	700	6.75	34.472	27.06	111.51	0.937	1488.9				
ISL	800	6.13	34.453	27.13	105.66	1.045	1488.1				
ISL	900	5.47	34.437	27.20	99.10	1.148	1487.1				
ISL	1000	4.79	34.432	27.27	91.58	1.243	1486.0				
ISL	1100	4.12	34.439	27.35	83.63	1.331	1484.9				
ISL	1200	3.69	34.474	27.42	76.58	1.411	1484.8				
ISL	1300	3.31	34.518	27.49	69.50	1.484	1484.9				
ISL	1400	3.14	34.550	27.54	65.73	1.552	1485.9				
ISL	1500	2.96	34.579	27.57	62.16	1.615	1486.9				
ISL	1750	2.65	34.630	27.64	56.12	1.763	1489.9				
ISL	2000	2.41	34.662	27.69	52.09	1.899	1493.1				
ISL	2250	2.17	34.694	27.73	47.87	2.024	1496.4				
ISL	2500	1.92	34.716	27.77	44.18	2.139	1499.7				
ISL	2750	1.67	34.723	27.80	41.19	2.245	1502.9				
ISL	3000	1.42	34.723	27.82	38.52	2.345	1506.2				
ISL	3250	1.30	34.720	27.82	37.61	2.440	1510.0				
ISL	3500	1.22	34.718	27.83	37.23	2.534	1514.0				



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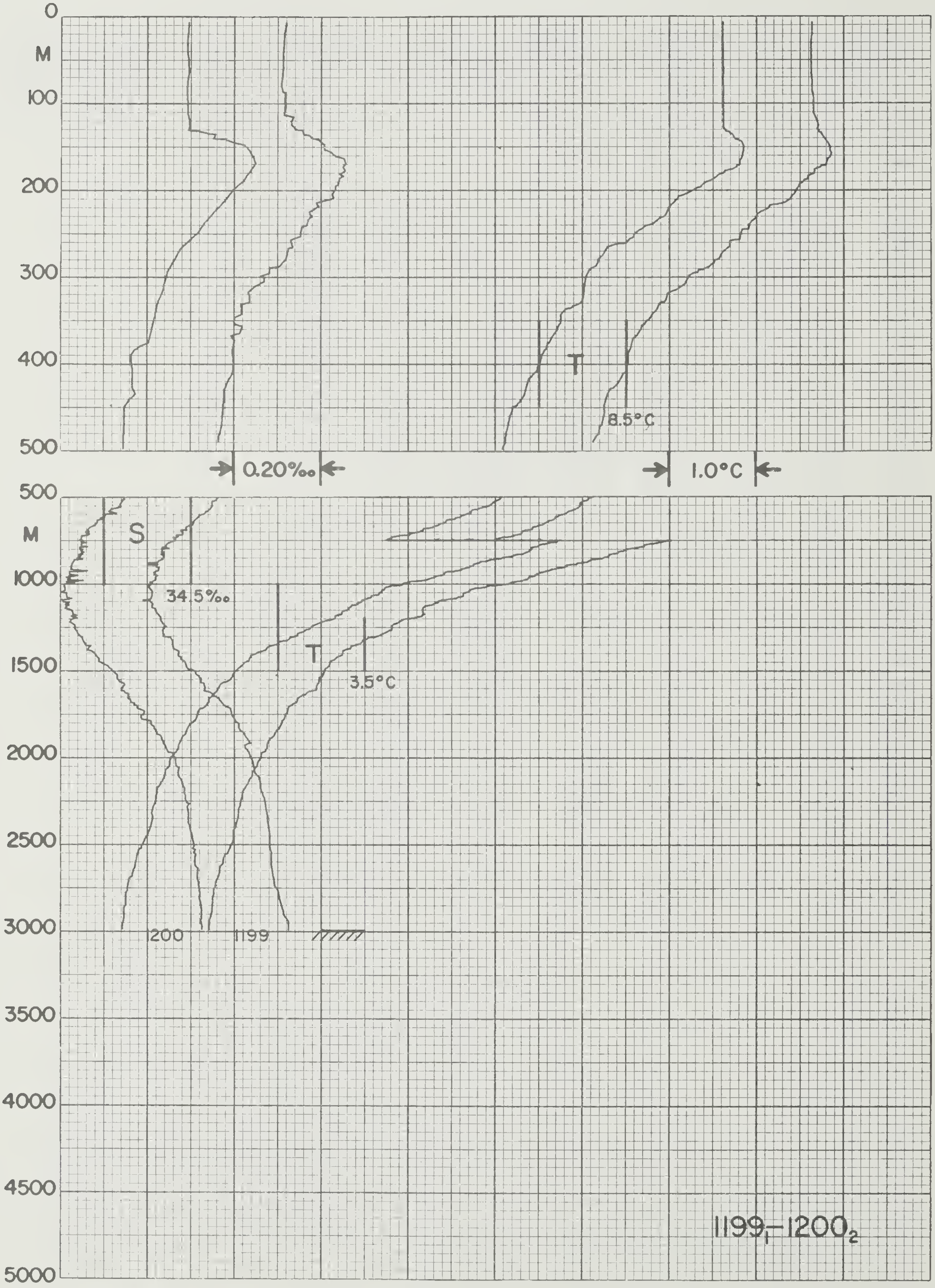
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1197	1	3	30	6	70	9.4	4653.4S	16500.0E	463	4493	9.1	9.0	346	323	3

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS1	2	10.89	34.743	26.61				640			
OBS1	3893	1.26	34.719	27.82				456			
OBS1	4416	1.26	34.719	27.82				460			
STD	0	10.92	34.724	26.59	145.26	0.000	1493.4				
STD	10	10.93	34.723	26.59	145.63	0.015	1493.5				
STD	20	10.95	34.724	26.59	146.07	0.029	1493.8				
STD	30	10.90	34.720	26.59	145.88	0.044	1493.8				
STD	50	10.67	34.680	26.61	145.20	0.073	1493.2				
STD	75	10.61	34.669	26.61	145.59	0.109	1493.4				
STD	100	10.68	34.710	26.63	144.34	0.145	1494.1				
STD	125	10.93	34.882	26.72	136.55	0.181	1495.6				
STD	150	10.39	34.812	26.76	133.03	0.214	1494.0				
STD	200	9.77	34.732	26.80	129.76	0.280	1492.5				
STD	250	9.51	34.697	26.82	129.09	0.345	1492.3				
STD	300	9.02	34.637	26.85	126.71	0.409	1491.2				
STD	400	8.41	34.556	26.88	125.11	0.534	1490.5				
STD	500	8.28	34.552	26.90	125.06	0.660	1491.6				
STD	600	7.75	34.503	26.94	122.46	0.783	1491.2				
STD	700	7.02	34.445	27.00	117.36	0.903	1489.9				
STD	800	6.35	34.417	27.07	111.34	1.018	1488.9				
STD	900	5.46	34.394	27.16	102.08	1.124	1486.9				
STD	1000	4.71	34.388	27.25	93.85	1.222	1485.5				
STD	1100	4.17	34.398	27.31	87.25	1.313	1485.0				
STD	1200	3.62	34.427	27.39	79.23	1.396	1484.4				
STD	1300	3.33	34.469	27.45	73.36	1.472	1484.9				
STD	1400	3.11	34.506	27.50	68.71	1.543	1485.7				
STD	1500	2.89	34.552	27.56	63.34	1.609	1486.5				
STD	1750	2.61	34.617	27.64	56.49	1.759	1489.6				
STD	2000	2.37	34.663	27.69	51.61	1.894	1492.9				
STD	2250	2.17	34.693	27.73	47.92	2.019	1496.3				
STD	2500	1.95	34.710	27.77	44.91	2.135	1499.7				
STD	2750	1.68	34.716	27.79	41.70	2.243	1502.8				
STD	3000	1.50	34.715	27.80	40.08	2.345	1506.3				
STD	3250	1.36	34.719	27.82	38.59	2.444	1510.1				
STD	3500	1.31	34.716	27.82	38.60	2.540	1514.3				
STD	3750	1.30	34.715	27.82	39.14	2.637	1518.6				
STD	4000	1.30	34.716	27.82	39.59	2.736	1523.0				
STD	4250	1.30	34.715	27.82	40.39	2.836	1527.5				
STD	4380	1.28	34.721	27.82	39.92	2.888	1529.7				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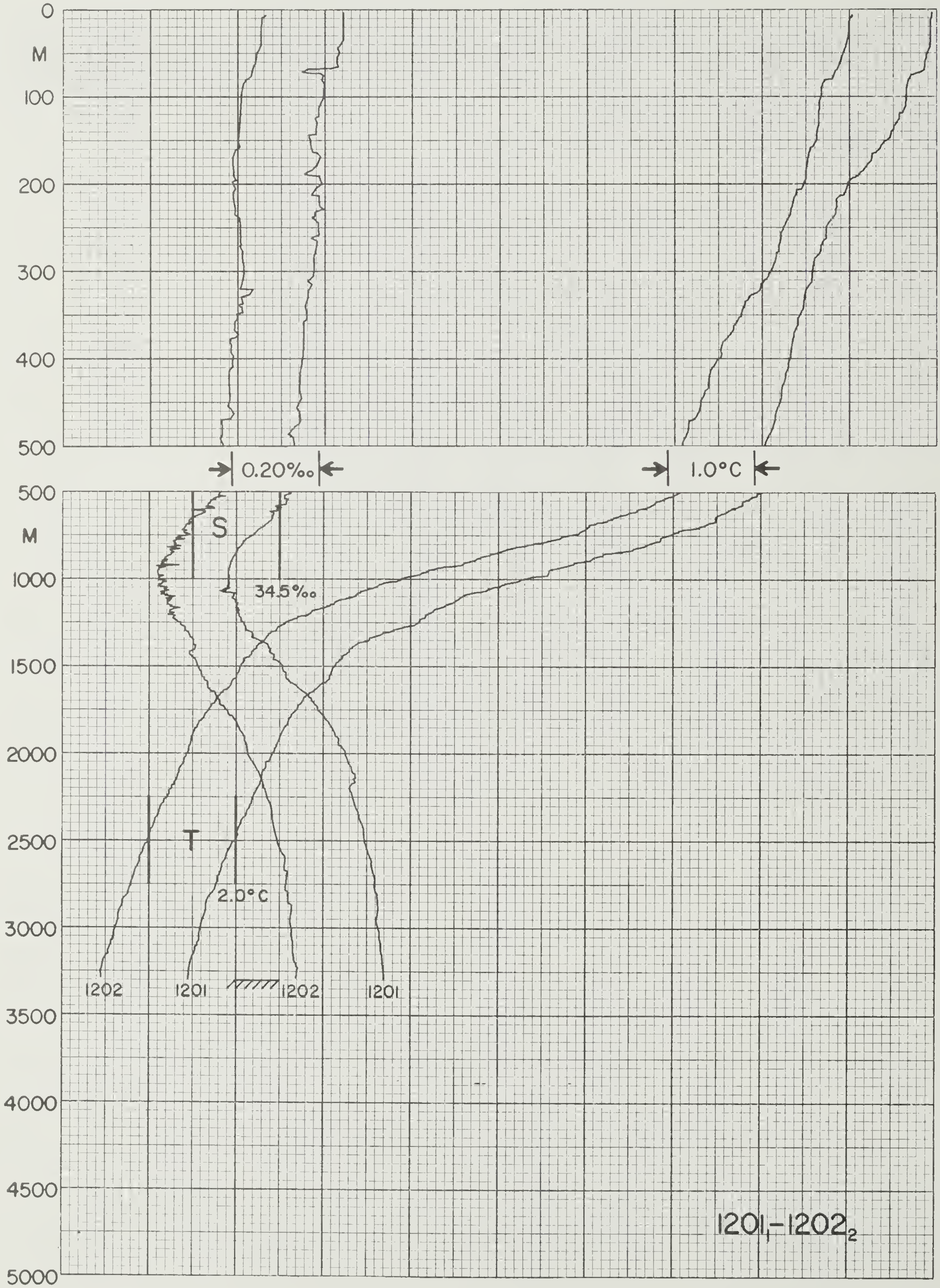
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1199	1	3	1	7	70	1.6	4801.5S	16539.3E	463	2993	10.2		313	324	3

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS1	6	10.64	34.707	26.63				639			
OBS1	2481	1.96	34.708	27.76				378Q			
OBS1	2991	1.70	34.724	27.80				454			
STD	0	10.64	34.721	26.64	140.62	0.000	1492.3				
STD	10	10.64	34.720	26.64	140.92	0.014	1492.5				
STD	20	10.64	34.717	26.64	141.35	0.028	1492.7				
STD	30	10.63	34.716	26.64	141.50	0.042	1492.8				
STD	50	10.63	34.714	26.64	142.15	0.071	1493.1				
STD	75	10.64	34.711	26.63	143.06	0.106	1493.6				
STD	100	10.66	34.718	26.64	143.46	0.142	1494.1				
STD	125	10.71	34.734	26.64	143.74	0.178	1494.7				
STD	150	10.85	34.809	26.67	141.07	0.214	1495.7				
STD	200	10.46	34.833	26.76	133.82	0.282	1495.1				
STD	250	9.82	34.754	26.81	130.08	0.348	1493.5				
STD	300	9.22	34.666	26.84	127.79	0.413	1492.0				
STD	400	8.52	34.599	26.90	123.57	0.539	1491.0				
STD	500	8.12	34.563	26.93	121.82	0.661	1491.0				
STD	600	7.79	34.527	26.95	121.24	0.783	1491.4				
STD	700	7.31	34.480	26.99	119.19	0.903	1491.1				
STD	800	6.51	34.434	27.06	112.34	1.019	1489.6				
STD	900	5.80	34.422	27.14	104.68	1.127	1488.4				
STD	1000	5.13	34.410	27.21	97.66	1.228	1487.3				
STD	1100	4.36	34.406	27.30	88.95	1.322	1485.8				
STD	1200	3.97	34.432	27.36	83.20	1.408	1485.9				
STD	1300	3.65	34.438	27.40	79.54	1.489	1486.2				
STD	1400	3.25	34.472	27.46	72.80	1.565	1486.2				
STD	1500	3.04	34.508	27.51	68.28	1.636	1487.0				
STD	1750	2.58	34.594	27.62	57.90	1.794	1489.4				
STD	2000	2.31	34.638	27.68	52.55	1.932	1492.6				
STD	2250	2.07	34.670	27.72	48.33	2.058	1495.8				
STD	2500	1.96	34.681	27.74	47.16	2.177	1499.7				
STD	2750	1.77	34.696	27.77	44.37	2.291	1503.2				
STD	2987	1.70	34.724	27.80	42.34	2.394	1507.1				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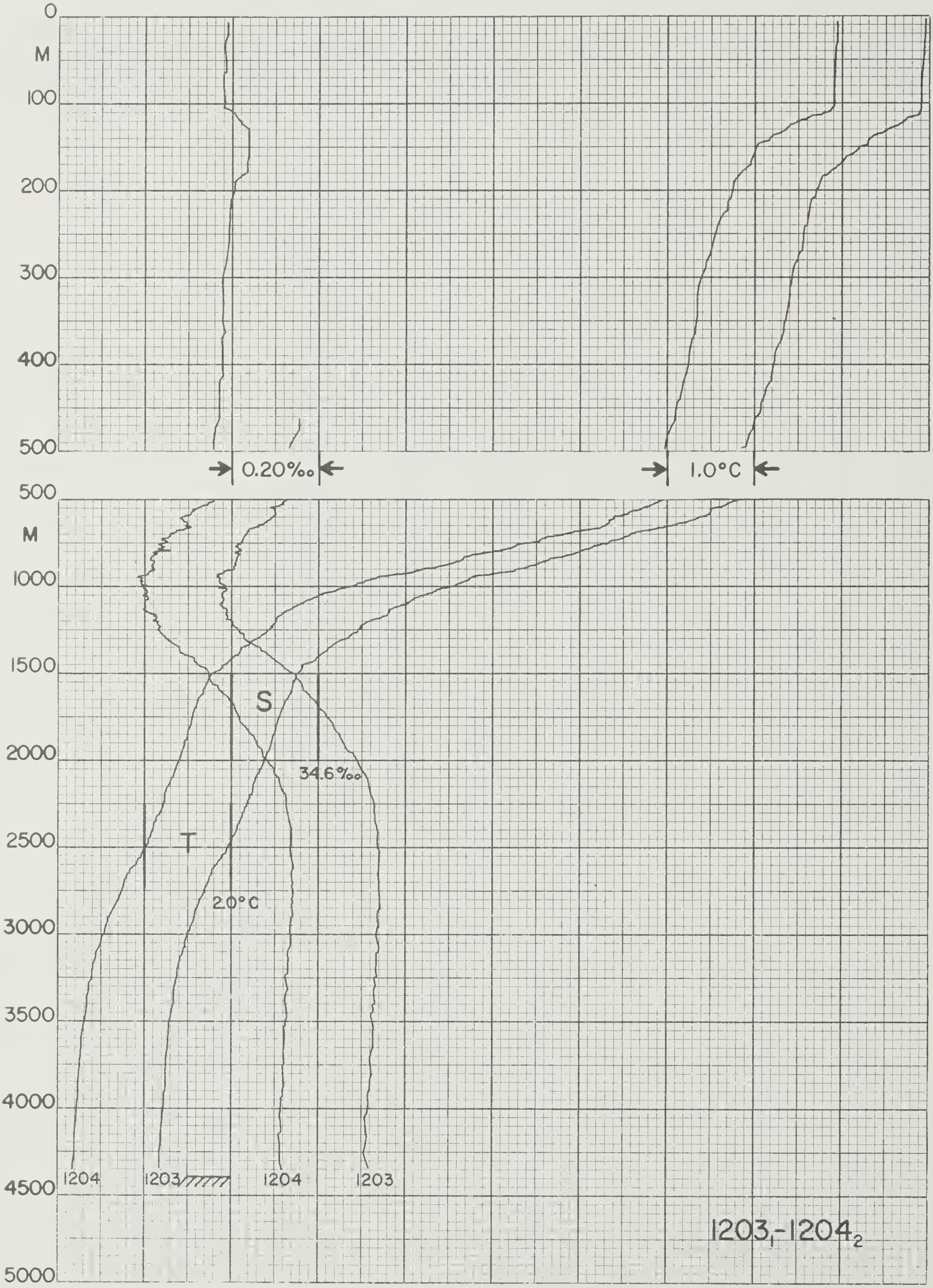
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1201	1	3	2	7	70	1.0	4901.6S	16509.5E	463	3285	10.5	8.0	333	322	3

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	1	9.96	34.649	26.70				673			
COM1	1249	4.09	34.424	27.34				468			
COM1	2875	1.64	34.721	27.80				478			
STD	0	9.94	34.640	26.70	135.10	0.000	1489.7				
STD	10	9.94	34.640	26.70	135.29	0.014	1489.9				
STD	20	9.93	34.640	26.70	135.37	0.027	1490.0				
STD	30	9.93	34.640	26.70	135.51	0.041	1490.2				
STD	50	9.90	34.630	26.70	136.10	0.068	1490.4				
STD	75	9.74	34.590	26.69	137.19	0.102	1490.2				
STD	100	9.65	34.594	26.71	135.89	0.136	1490.2				
STD	125	9.57	34.577	26.71	136.40	0.170	1490.3				
STD	150	9.44	34.564	26.73	135.73	0.204	1490.2				
STD	200	8.98	34.590	26.82	127.58	0.270	1489.4				
STD	250	8.73	34.582	26.85	125.31	0.333	1489.3				
STD	300	8.58	34.571	26.87	124.63	0.396	1489.5				
STD	400	8.32	34.546	26.89	124.42	0.520	1490.1				
STD	500	8.02	34.525	26.92	123.18	0.644	1490.6				
STD	600	7.66	34.491	26.94	121.96	0.767	1490.8				
STD	700	7.32	34.460	26.97	120.78	0.888	1491.1				
STD	800	6.73	34.411	27.01	117.27	1.007	1490.4				
STD	900	6.01	34.385	27.09	110.17	1.121	1489.1				
STD	1000	5.33	34.379	27.17	102.57	1.227	1488.1				
STD	1100	4.59	34.390	27.26	93.09	1.325	1486.7				
STD	1200	4.20	34.402	27.31	88.13	1.415	1486.8				
STD	1300	3.78	34.421	27.37	82.29	1.501	1486.7				
STD	1400	3.30	34.473	27.46	73.43	1.579	1486.4				
STD	1500	3.11	34.502	27.50	69.63	1.650	1487.4				
STD	1750	2.68	34.583	27.60	59.81	1.812	1489.8				
STD	2000	2.40	34.646	27.68	53.20	1.953	1493.0				
STD	2250	2.18	34.663	27.71	50.23	2.082	1496.3				
STD	2500	1.98	34.689	27.75	46.80	2.204	1499.8				
STD	2750	1.75	34.712	27.78	43.05	2.316	1503.1				
STD	3000	1.57	34.720	27.80	40.78	2.421	1506.7				
STD	3250	1.44	34.733	27.82	38.70	2.520	1510.5				
STD	3298	1.43	34.733	27.82	38.81	2.539	1511.3				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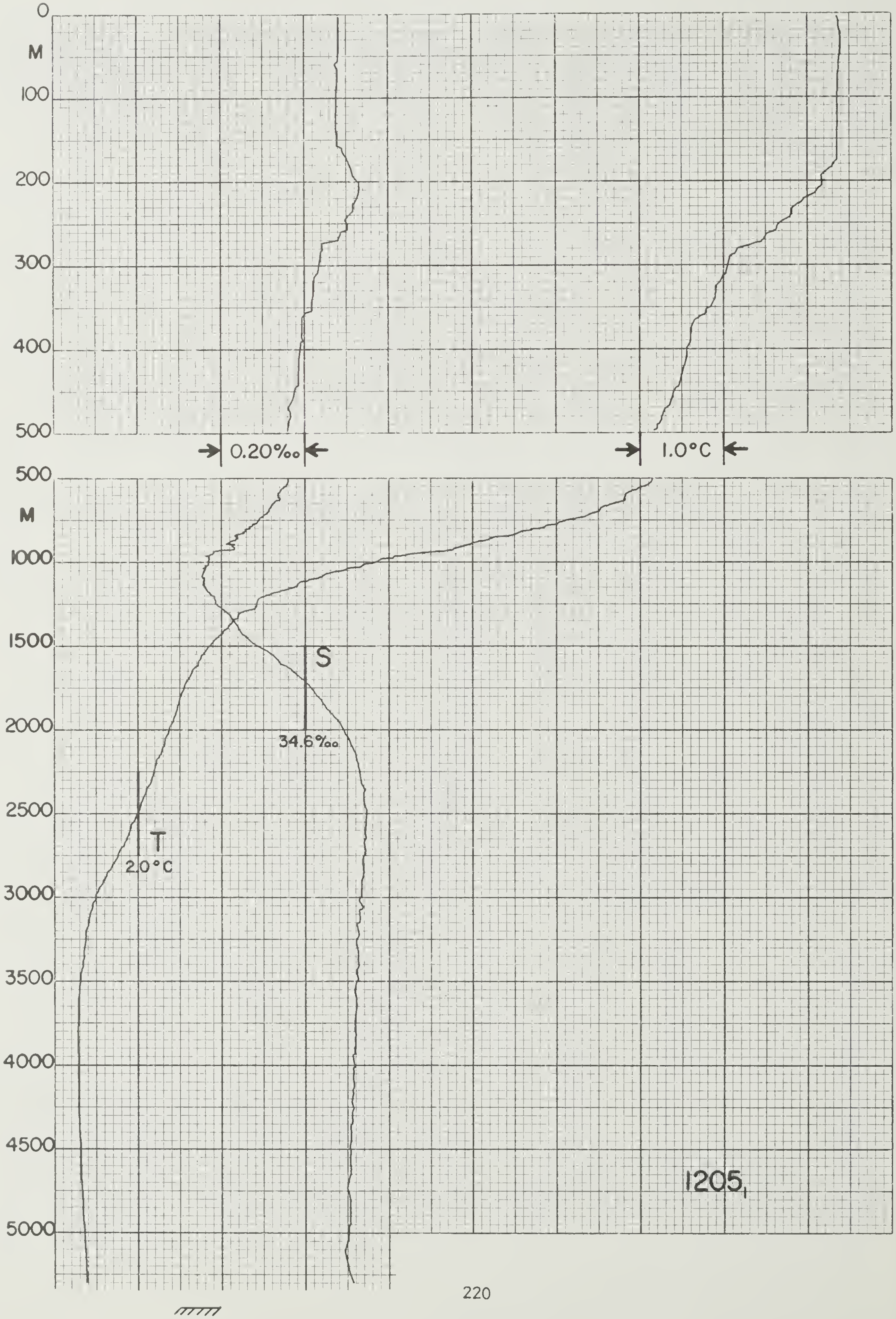
CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1203	1	3	3	7	70	2.7	4730.6S	16029.5E	463	4387	10.3	9.0	105	93	4

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
COM1	1	9.97	34.576	26.65							
COM1	1233	3.50	34.386	27.37							
COM1	3503	1.28	34.722	27.82							
COM1	4332	1.16	34.714	27.83				474			
STD	0	9.96									
STD	10	9.96									
STD	20	9.95									
STD	30	9.95									
STD	50	9.93									
STD	75	9.91									
STD	100	9.91									
STD	125	9.66									
STD	150	9.23									
STD	200	8.71									
STD	250	8.56									
STD	300	8.43									
STD	400	8.22									
STD	500	7.84	34.527	26.95	120.29		1489.7				
STD	600	7.39	34.493	26.99	117.84		1489.6				
STD	700	6.58	34.431	27.05	112.07		1488.0				
STD	800	5.99	34.411	27.11	106.87		1487.3				
STD	900	5.29	34.403	27.19	99.21		1486.1				
STD	1000	4.54	34.384	27.26	91.96		1484.6				
STD	1100	4.01	34.373	27.31	87.08		1484.1				
STD	1200	3.57	34.399	27.37	80.67		1483.9				
STD	1300	3.31	34.427	27.42	76.23		1484.6				
STD	1400	3.00	34.486	27.50	68.80		1485.0				
STD	1500	2.75	34.539	27.56	62.55		1485.7				
STD	1750	2.54	34.618	27.64	55.62		1489.1				
STD	2000	2.37	34.688	27.71	49.71		1492.7				
STD	2250	2.17	34.726	27.76	45.53		1496.2				
STD	2500	1.94	34.734	27.79	43.07		1499.5				
STD	2750	1.68	34.738	27.81	40.16		1502.6				
STD	3000	1.48	34.731	27.82	38.75		1506.1				
STD	3250	1.36	34.726	27.82	38.06		1509.9				
STD	3500	1.27	34.722	27.82	37.72		1513.9				
STD	3750	1.23	34.717	27.82	38.04		1518.1				
STD	4000	1.21	34.710	27.82	38.59		1522.4				
STD	4250	1.16	34.700	27.82	39.06		1526.7				
STD	4339	1.16	34.712	27.82	38.50		1528.3				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CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1205	1	3	4	7	70	11.8	4910.9S	16356.4E	463	5375	8.7		323	322	4

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2\cdot$ml/l	PHOS $10^2\cdot\mu$gat/l	NITR $10\cdot\mu$gat/l	SILIC μgat/l
COM1	1	10.35	34.692	26.67				640			
COM1	389	8.60	34.592	26.88				588			
COM1	2608	1.88	34.738	27.79				460			
COM1	5283	1.38	34.714	27.81				465			
STD	0	10.35	34.684	26.66	138.55	0.000	1491.3				
STD	10	10.37	34.683	26.66	139.16	0.014	1491.5				
STD	20	10.39	34.683	26.66	139.64	0.028	1491.7				
STD	30	10.39	34.683	26.66	139.99	0.042	1491.9				
STD	50	10.38	34.682	26.66	140.26	0.070	1492.2				
STD	75	10.36	34.681	26.66	140.58	0.105	1492.5				
STD	100	10.35	34.678	26.66	141.23	0.140	1492.9				
STD	125	10.36	34.677	26.66	141.97	0.176	1493.3				
STD	150	10.35	34.680	26.66	142.11	0.211	1493.7				
STD	200	10.17	34.729	26.73	136.63	0.281	1493.9				
STD	250	9.66	34.704	26.80	131.13	0.348	1492.9				
STD	300	9.05	34.636	26.85	127.18	0.412	1491.3				
STD	400	8.56	34.590	26.89	124.86	0.538	1491.1				
STD	500	8.15	34.560	26.93	122.49	0.662	1491.1				
STD	600	7.82	34.536	26.96	120.91	0.784	1491.5				
STD	700	7.47	34.512	26.99	119.09	0.904	1491.8				
STD	800	6.71	34.468	27.06	112.69	1.020	1490.4				
STD	900	5.90	34.426	27.13	105.63	1.129	1488.8				
STD	1000	4.83	34.368	27.22	96.87	1.230	1486.0				
STD	1100	4.09	34.359	27.29	89.14	1.323	1484.6				
STD	1200	3.52	34.379	27.36	81.53	1.408	1483.9				
STD	1300	3.22	34.413	27.42	76.15	1.487	1484.3				
STD	1400	3.04	34.443	27.46	72.50	1.561	1485.3				
STD	1500	2.85	34.487	27.51	67.57	1.632	1486.2				
STD	1750	2.54	34.614	27.64	55.93	1.786	1489.3				
STD	2000	2.36	34.692	27.72	49.35	1.917	1492.9				
STD	2250	2.18	34.730	27.76	45.50	2.036	1496.4				
STD	2500	1.98	34.746	27.79	42.77	2.146	1499.9				
STD	2750	1.75	34.738	27.80	41.10	2.251	1503.2				
STD	3000	1.49	34.730	27.82	38.96	2.351	1506.4				
STD	3250	1.37	34.721	27.82	38.52	2.448	1510.2				
STD	3500	1.30	34.722	27.82	38.14	2.544	1514.2				
STD	3750	1.27	34.717	27.82	38.66	2.640	1518.5				
STD	4000	1.28	34.716	27.82	39.29	2.737	1523.0				
STD	4250	1.28	34.714	27.82	40.04	2.837	1527.4				
STD	4500	1.31	34.706	27.81	41.58	2.939	1532.0				
STD	4750	1.32	34.700	27.80	42.80	3.044	1536.5				
STD	5000	1.35	34.702	27.80	43.74	3.152	1541.1				
STD	5250	1.37	34.705	27.80	44.44	3.262	1545.7				
STD	5294	1.38	34.713	27.81	44.12	3.282	1546.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1206	0		5	7	70	9.9	4931.6S	16434.1E	463	3200	0.5	7.0	333	323	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	9.09	34.543	26.77			1486.5	646			
OBS	54	9.07	34.537	26.76			1487.3	640			
OBS	106	9.09	34.540	26.76			1488.2	649			
OBS	157	9.01	34.552	26.79			1488.7	627			
OBS	208	8.90	34.599	26.84			1489.2				
OBS	310	8.49	34.553	26.87			1489.3	609			
OBS	412	8.25	34.556	26.91			1490.1	609			
OBS	513	7.95	34.529	26.93			1490.6	612			
OBS	615	7.62	34.514	26.97			1491.0	579			
OBS	816	6.27	34.445	27.10			1488.9	530			
OBS	1017	4.58	34.422	27.29			1485.4	455			
OBS	1219	3.73	34.458	27.41			1485.2	449			
OBS	1331	3.29	34.506	27.49			1485.3	430			
OBS	1537	2.80	34.564	27.58			1486.8	418			
OBS	1739	2.63	34.606	27.63			1489.5	415			
OBS	1943	2.44	34.641	27.67			1492.2	408			
OBS	2148	2.25	34.678	27.72			1495.0	420			
OBS	2349	2.05	34.693	27.74			1497.6	437			
OBS	2551	1.95	34.706	27.76			1500.6	446			
OBS	2694	1.82	34.716	27.78			1502.5	451			
OBS	2893	1.65	34.723	27.80			1505.3	468			
OBS	3093	1.54	34.724	27.81			1508.3	470			
OBS	3162	1.54	34.723	27.81			1509.5	475			
ISL	0	9.09	34.543	26.77	128.84	0.000	1486.5				
ISL	10	9.09	34.541	26.77	129.10	0.013	1486.6				
ISL	20	9.08	34.540	26.77	129.38	0.026	1486.8				
ISL	30	9.08	34.539	26.76	129.60	0.039	1486.9				
ISL	50	9.07	34.537	26.76	129.96	0.065	1487.2				
ISL	75	9.07	34.537	26.76	130.52	0.097	1487.6				
ISL	100	9.09	34.539	26.76	131.12	0.130	1488.1				
ISL	125	9.07	34.543	26.77	131.03	0.163	1488.4				
ISL	150	9.02	34.549	26.78	130.36	0.195	1488.7				
ISL	200	8.92	34.595	26.83	126.33	0.260	1489.2				
ISL	250	8.74	34.574	26.85	125.93	0.323	1489.3				
ISL	300	8.52	34.555	26.87	124.99	0.385	1489.3				
ISL	400	8.28	34.557	26.90	122.99	0.509	1490.0				
ISL	500	7.99	34.532	26.93	122.20	0.632	1490.5				
ISL	600	7.68	34.517	26.96	120.33	0.753	1491.0				
ISL	700	7.16	34.487	27.01	116.41	0.872	1490.6				
ISL	800	6.39	34.449	27.09	109.58	0.985	1489.1				
ISL	900	5.60	34.429	27.17	101.44	1.090	1487.6				
ISL	1000	4.70	34.422	27.27	91.16	1.186	1485.5				
ISL	1100	4.21	34.429	27.33	85.46	1.275	1485.2				
ISL	1200	3.81	34.452	27.39	79.62	1.357	1485.2				
ISL	1300	3.40	34.493	27.47	72.37	1.433	1485.2				
ISL	1400	3.08	34.529	27.52	66.63	1.503	1485.6				
ISL	1500	2.86	34.555	27.57	62.68	1.567	1486.4				
ISL	1750	2.62	34.608	27.63	57.36	1.717	1489.7				
ISL	2000	2.39	34.651	27.68	52.62	1.855	1493.0				
ISL	2250	2.15	34.686	27.73	48.22	1.981	1496.3				
ISL	2500	1.98	34.703	27.76	45.86	2.099	1499.9				
ISL	2750	1.77	34.719	27.79	42.83	2.209	1503.3				
ISL	3000	1.57	34.724	27.81	40.51	2.314	1506.8				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1207	0		8	7	70	6.2	5116.1S	16504.2E	499	3796	8.7		335	313	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2 \cdot$ ml/l	PHOS $10^2 \cdot \mu$gat/l	NITR $10 \cdot \mu$gat/l	SILIC μgat/l
OBS	1	8.37	34.459	26.81			1483.7	673			
OBS	52	8.37	34.461	26.82			1484.5	663			
OBS	102	8.37	34.463	26.82			1485.3	666			
OBS	153	8.37	34.460	26.81			1486.1	661			
OBS	203	8.28	34.448	26.82			1486.6	663			
OBS	284	8.41	34.517	26.85			1488.5	623			
OBS	405	8.04	34.519	26.91			1489.1	622			
OBS	607	7.14	34.442	26.98			1488.9	590			
OBS	809	5.82	34.396	27.12			1486.9	517			
OBS	1011	4.44	34.377	27.27			1484.6	502			
OBS	1212	3.58	34.435	27.40			1484.5	464			
OBS	1415	3.12	34.487	27.49			1486.0	436			
OBS	1544	2.91	34.548	27.55			1487.3	421			
OBS	1750	2.61	34.605	27.63			1489.6	413			
OBS	1953	2.42	34.644	27.67			1492.3	420			
OBS	2156	2.26	34.668	27.71			1495.1	417			
OBS	2360	2.12	34.687	27.73			1498.0	422			
OBS	2563	2.01	34.705	27.76			1501.1	432			
OBS	2767	1.89	34.724	27.78			1504.1	448			
OBS	2974	1.77	34.731	27.80			1507.2	456			
OBS	3485	1.38	34.724	27.82			1514.4	474			
OBS	3688	1.24	34.720	27.83			1517.4	487			
OBS	3790	1.17	34.718	27.83			1518.9	489			
ISL	0	8.37	34.459	26.81	124.31	0.000	1483.6				
ISL	10	8.37	34.459	26.81	124.47	0.012	1483.8				
ISL	20	8.37	34.460	26.81	124.63	0.025	1484.0				
ISL	30	8.37	34.460	26.81	124.79	0.037	1484.1				
ISL	50	8.37	34.461	26.82	125.09	0.062	1484.5				
ISL	75	8.37	34.462	26.82	125.48	0.094	1484.9				
ISL	100	8.37	34.463	26.82	125.87	0.125	1485.3				
ISL	125	8.37	34.463	26.82	126.33	0.157	1485.7				
ISL	150	8.37	34.460	26.82	126.96	0.188	1486.1				
ISL	200	8.28	34.448	26.82	127.49	0.252	1486.6				
ISL	250	8.36	34.493	26.84	126.16	0.315	1487.7				
ISL	300	8.40	34.523	26.86	125.41	0.378	1488.7				
ISL	400	8.06	34.520	26.91	122.38	0.502	1489.1				
ISL	500	7.67	34.479	26.94	121.25	0.624	1489.2				
ISL	600	7.18	34.444	26.98	118.26	0.744	1488.9				
ISL	700	6.55	34.417	27.04	112.76	0.859	1488.1				
ISL	800	5.88	34.397	27.11	106.29	0.969	1487.0				
ISL	900	5.20	34.380	27.18	99.71	1.072	1485.9				
ISL	1000	4.51	34.376	27.26	92.16	1.168	1484.7				
ISL	1100	4.00	34.403	27.33	84.81	1.256	1484.3				
ISL	1200	3.62	34.432	27.40	78.83	1.338	1484.4				
ISL	1300	3.34	34.458	27.44	74.22	1.414	1484.9				
ISL	1400	3.15	34.483	27.48	70.82	1.487	1485.8				
ISL	1500	2.98	34.529	27.53	66.01	1.555	1486.9				
ISL	1750	2.61	34.605	27.63	57.45	1.710	1489.6				
ISL	2000	2.38	34.651	27.68	52.56	1.847	1493.0				
ISL	2250	2.19	34.677	27.72	49.42	1.975	1496.5				
ISL	2500	2.04	34.699	27.75	46.93	2.095	1500.1				
ISL	2750	1.90	34.722	27.78	44.31	2.209	1503.9				
ISL	3000	1.75	34.731	27.80	42.51	2.318	1507.6				
ISL	3250	1.55	34.728	27.81	40.73	2.422	1511.1				
ISL	3500	1.37	34.724	27.82	39.01	2.521	1514.6				
ISL	3750	1.20	34.719	27.83	37.36	2.617	1518.3				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1208	0		9	7	70	0.3	5059.3S	16347.4E	499	4072	9.4	8.0	345	333	21

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	8.56	34.443	26.77			1484.4	672			
OBS	53	8.56	34.444	26.77			1485.2	667			
OBS	103	8.55	34.447	26.78			1486.0	664			
OBS	151	8.45	34.436	26.78			1486.4	668			
OBS	199	8.51	34.475	26.80			1487.4	650			
OBS	295	8.29	34.539	26.89			1488.3	623			
OBS	391	8.18	34.542	26.91			1489.4	618			
OBS	440	7.99	34.525	26.92			1489.5	609			
OBS	529	7.53	34.449	26.93			1489.1	599			
OBS	728	6.43	34.394	27.04			1488.0	526			
OBS	1671	2.74	34.569	27.59			1488.7	423			
OBS	1872	2.47	34.640	27.67			1491.0	413			
OBS	2073	2.36	34.680	27.71			1494.0	429			
OBS	2273	2.19	34.702	27.74			1496.7				
OBS	2474	1.98	34.711	27.76			1499.3	440			
OBS	2674	1.87	34.729	27.79			1502.2	450			
OBS	2874	1.71	34.729	27.80			1505.0	453			
OBS	3270	1.50	34.727	27.81			1510.9	470			
OBS	3762	1.28	34.721	27.82			1518.6	484			
OBS	3957	1.18	34.717	27.83			1521.6	494			
OBS	4055	1.12	34.715	27.83			1523.1	496			
ISL	0	8.56	34.443	26.77	128.29	0.000	1484.3				
ISL	10	8.56	34.443	26.77	128.48	0.013	1484.5				
ISL	20	8.56	34.443	26.77	128.67	0.026	1484.7				
ISL	30	8.56	34.444	26.77	128.83	0.039	1484.8				
ISL	50	8.56	34.444	26.77	129.15	0.064	1485.2				
ISL	75	8.56	34.445	26.77	129.51	0.097	1485.6				
ISL	100	8.55	34.447	26.78	129.74	0.129	1485.9				
ISL	125	8.51	34.443	26.78	129.90	0.162	1486.2				
ISL	150	8.45	34.436	26.78	129.99	0.194	1486.4				
ISL	200	8.51	34.476	26.81	128.83	0.259	1487.5				
ISL	250	8.38	34.513	26.85	125.05	0.322	1487.8				
ISL	300	8.28	34.541	26.89	122.43	0.384	1488.3				
ISL	400	8.15	34.540	26.91	122.26	0.506	1489.5				
ISL	500	7.69	34.471	26.93	122.12	0.629	1489.2				
ISL	600	7.15	34.414	26.96	120.04	0.750	1488.7				
ISL	700	6.58	34.395	27.02	114.85	0.867	1488.1				
ISL	800	6.05	34.388	27.09	109.24	0.979	1487.6				
ISL	900	5.55	34.379	27.14	104.37	1.086	1487.3				
ISL	1000	5.11	34.385	27.20	99.17	1.188	1487.1				
ISL	1100	4.61	34.406	27.27	92.23	1.283	1486.8				
ISL	1200	4.14	34.434	27.34	85.07	1.372	1486.5				
ISL	1300	3.72	34.464	27.41	78.50	1.454	1486.5				
ISL	1400	3.40	34.491	27.46	73.23	1.530	1486.8				
ISL	1500	3.14	34.515	27.51	69.11	1.601	1487.5				
ISL	1750	2.61	34.596	27.62	58.19	1.760	1489.5				
ISL	2000	2.41	34.669	27.70	51.56	1.897	1492.9				
ISL	2250	2.21	34.700	27.74	47.99	2.022	1496.4				
ISL	2500	1.96	34.713	27.77	44.86	2.138	1499.6				
ISL	2750	1.81	34.729	27.79	42.61	2.247	1503.3				
ISL	3000	1.63	34.729	27.80	41.00	2.352	1506.8				
ISL	3250	1.51	34.727	27.81	40.15	2.453	1510.6				
ISL	3500	1.40	34.725	27.82	39.35	2.552	1514.5				
ISL	3750	1.29	34.721	27.82	38.54	2.650	1518.4				
ISL	4000	1.15	34.716	27.83	37.41	2.745	1522.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1214	0		12	7	70	10.7	5130.8S	15940.3E	500	4006	4.5		185	183	11

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	8.00						599			
OBS	239	8.50						611			
OBS	488	7.74						605			
OBS	738	5.48						530			
OBS	986	3.92						477			
OBS	1486	2.67						411			
OBS	1985	2.34						415			
OBS	2484	1.97						442			
OBS	2983	1.53						450			
OBS	3482	1.27						461			
OBS	3981	1.18						466			

EL 44	1215	0		12	7	70	15.8	5130.1S	15941.6E	500	4006	4.0		195	203	22

OBS	1	7.25						680			
OBS	45	7.26						691			
OBS	93	7.26						692			
OBS	141	7.27						696			
OBS	190	7.17						682			
OBS	292	7.74						639			
OBS	391	7.05						633			
OBS	493	6.37						605			
OBS	596	6.06						541			
OBS	805	4.30						507			
OBS	936	3.11						484			
OBS	1015	3.29						451			
OBS	1226	2.85						428			
OBS	1535	2.48						411			
OBS	2022	2.13						442			
OBS	2506	1.85						449			
OBS	2988	1.50						462			
OBS	3471	1.36						467			
OBS	3953	1.31						466			
OBS	4435	1.31						478			
OBS	4919	1.35						480			
OBS	5113	1.37						476			

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1216	0		14	7	70	22.6	5302.0S	16022.5E	499	4055	4.1		295	253	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	7.30	34.166	26.74			1479.1	680			
OBS	54	7.31	34.165	26.74			1480.1	697			
OBS	107	7.35	34.175	26.74			1481.1	683			
OBS	158	7.96	34.327	26.77			1484.5	658			
OBS	211	8.28	34.515	26.87			1486.8	625			
OBS	314	7.47	34.415	26.91			1485.3	633			
OBS	415	7.08	34.376	26.94			1485.4	617			
OBS	517	6.43	34.335	26.99			1484.4	599			
OBS	619	5.98	34.333	27.05			1484.3	569			
OBS	824	4.60	34.323	27.21			1482.1	531			
OBS	999	3.78	34.346	27.31			1481.6	507			
OBS	1027	3.58	34.350	27.33			1481.2	496			
OBS	1231	2.94	34.431	27.46			1482.0	422			
OBS	1304	2.92	34.444	27.47			1483.2	471			
OBS	1609	2.60	34.571	27.60			1487.2	402			
OBS	1900	2.38	34.663	27.69			1491.3	423			
OBS	2170	2.20	34.715	27.75			1495.2	438			
OBS	2427	2.00	34.733	27.78			1498.8				
OBS	2679	1.81	34.739	27.80			1502.3	454			
OBS	3181	1.46	34.726	27.81			1509.5	468			
OBS	3485	1.40	34.722	27.82			1514.5	479			
OBS	3889	1.38	34.721	27.82			1521.6	490			
OBS	4089	1.39	34.722	27.82			1525.2	482			
ISL	0	7.30	34.166	26.74	131.14	0.000	1479.1				
ISL	10	7.30	34.164	26.74	131.39	0.013	1479.3				
ISL	20	7.30	34.163	26.74	131.62	0.026	1479.4				
ISL	30	7.30	34.163	26.74	131.82	0.039	1479.6				
ISL	50	7.31	34.165	26.74	132.13	0.066	1480.0				
ISL	75	7.32	34.167	26.74	132.56	0.099	1480.4				
ISL	100	7.33	34.168	26.74	132.98	0.132	1480.9				
ISL	125	7.57	34.217	26.74	132.98	0.165	1482.3				
ISL	150	7.88	34.301	26.76	131.68	0.198	1484.0				
ISL	200	8.25	34.475	26.85	124.97	0.263	1486.5				
ISL	250	7.93	34.476	26.89	121.10	0.324	1486.1				
ISL	300	7.56	34.425	26.91	120.32	0.384	1485.4				
ISL	400	7.15	34.382	26.93	119.41	0.504	1485.4				
ISL	500	6.52	34.342	26.99	115.14	0.622	1484.5				
ISL	600	6.07	34.333	27.04	111.04	0.735	1484.4				
ISL	700	5.45	34.330	27.11	104.37	0.842	1483.5				
ISL	800	4.74	34.324	27.19	96.92	0.943	1482.3				
ISL	900	4.22	34.332	27.25	90.96	1.037	1481.8				
ISL	1000	3.77	34.346	27.31	85.40	1.125	1481.6				
ISL	1100	3.19	34.377	27.39	77.13	1.206	1480.8				
ISL	1200	2.98	34.421	27.45	72.03	1.281	1481.7				
ISL	1300	2.92	34.443	27.47	70.43	1.352	1483.1				
ISL	1400	2.82	34.484	27.51	66.76	1.421	1484.4				
ISL	1500	2.71	34.529	27.56	62.79	1.486	1485.7				
ISL	1750	2.49	34.620	27.65	54.85	1.633	1489.1				
ISL	2000	2.31	34.686	27.72	49.11	1.763	1492.7				
ISL	2250	2.14	34.723	27.76	45.36	1.881	1496.3				
ISL	2500	1.94	34.736	27.79	42.99	1.991	1499.8				
ISL	2750	1.76	34.738	27.80	41.28	2.096	1503.3				
ISL	3000	1.58	34.730	27.81	40.15	2.198	1506.8				
ISL	3250	1.44	34.725	27.82	39.29	2.298	1510.6				
ISL	3500	1.40	34.722	27.82	39.57	2.396	1514.8				
ISL	3750	1.38	34.721	27.82	39.99	2.496	1519.1				
ISL	4000	1.38	34.721	27.82	40.63	2.596	1523.6				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1217	0		15	7	70	23.7	5257.7S	15644.1E	500	4452	6.3		355	353	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	5.19	33.901	26.81			1470.4	726			
OBS	54	5.08	33.893	26.81			1470.8	727			
OBS	106	4.48	33.871	26.86			1469.1	744			
OBS	157	6.01	34.195	26.94			1476.6	668			
OBS	208	5.64	34.236	27.02			1476.0	621			
OBS	310	5.04	34.252	27.10			1475.3	591			
OBS	412	3.75	34.173	27.18			1471.5	616			
OBS	513	3.58	34.274	27.27			1472.6	540			
OBS	618	3.24	34.307	27.33			1472.9	514			
OBS	819	2.79	34.420	27.46			1474.4	452			
OBS	1018	2.59	34.517	27.56			1477.0	422			
OBS	1219	2.42	34.606	27.64			1479.8	398			
OBS	1378	2.40	34.645	27.68			1482.4	429			
OBS	1685	2.24	34.716	27.75			1487.0	436			
OBS	1992	2.05	34.742	27.78			1491.4	450			
OBS	2247	1.85	34.745	27.80			1494.9	461			
OBS	2502	1.61	34.742	27.82			1498.2	472			
OBS	2751	1.37	34.733	27.83			1501.5	472			
OBS	3014	1.16	34.725	27.84			1505.1	484			
OBS	3425	0.99	34.719	27.84			1511.5				
OBS	3836	0.86	34.708	27.84			1518.1	500			
OBS	4145	0.79	34.701	27.84			1523.3	508			
OBS	4450	0.75	34.707	27.85			1528.5	510			
ISL	0	5.19	33.901	26.81	125.13	0.000	1470.3				
ISL	10	5.15	33.899	26.81	124.97	0.013	1470.3				
ISL	20	5.12	33.897	26.81	124.87	0.025	1470.4				
ISL	30	5.11	33.896	26.81	124.96	0.037	1470.5				
ISL	50	5.10	33.894	26.81	125.23	0.063	1470.8				
ISL	75	4.88	33.885	26.83	123.70	0.094	1470.2				
ISL	100	4.51	33.872	26.86	121.01	0.124	1469.1				
ISL	125	4.96	33.980	26.89	118.01	0.154	1471.5				
ISL	150	5.91	34.167	26.93	115.43	0.183	1476.1				
ISL	200	5.70	34.232	27.01	108.64	0.239	1476.1				
ISL	250	5.37	34.254	27.06	103.72	0.292	1475.6				
ISL	300	5.11	34.254	27.09	101.18	0.344	1475.4				
ISL	400	3.85	34.175	27.17	94.13	0.441	1471.7				
ISL	500	3.61	34.264	27.26	85.70	0.531	1472.4				
ISL	600	3.30	34.301	27.32	80.47	0.614	1472.8				
ISL	700	3.03	34.355	27.39	74.34	0.692	1473.4				
ISL	800	2.82	34.410	27.45	68.75	0.763	1474.2				
ISL	900	2.70	34.461	27.50	64.28	0.830	1475.4				
ISL	1000	2.61	34.509	27.55	60.34	0.892	1476.8				
ISL	1100	2.51	34.555	27.60	56.45	0.950	1478.1				
ISL	1200	2.43	34.599	27.64	52.85	1.005	1479.5				
ISL	1300	2.41	34.626	27.66	51.20	1.057	1481.1				
ISL	1400	2.39	34.650	27.68	49.71	1.108	1482.8				
ISL	1500	2.35	34.674	27.70	47.95	1.156	1484.3				
ISL	1750	2.20	34.725	27.76	43.80	1.271	1487.9				
ISL	2000	2.04	34.742	27.78	41.72	1.378	1491.5				
ISL	2250	1.85	34.745	27.80	40.09	1.480	1494.9				
ISL	2500	1.61	34.742	27.82	38.18	1.578	1498.2				
ISL	2750	1.37	34.733	27.83	36.43	1.671	1501.4				
ISL	3000	1.17	34.725	27.83	34.89	1.760	1504.9				
ISL	3250	1.05	34.722	27.84	34.07	1.847	1508.7				
ISL	3500	0.96	34.717	27.84	33.57	1.931	1512.7				
ISL	3750	0.88	34.710	27.84	33.30	2.015	1516.7				
ISL	4000	0.82	34.704	27.84	33.12	2.098	1520.8				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1218	0		16	7	70	19.2	5309.9S	15911.7E	500	4462	7.0	6.0	357	353	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	7.71	34.259	26.76			1480.9	692			
OBS	53	7.69	34.256	26.76			1481.6	677			
OBS	103	7.68	34.249	26.75			1482.4	659			
OBS	154	7.79	34.269	26.75			1483.7	655			
OBS	205	8.63	34.556	26.85			1488.1	624			
OBS	306	8.04	34.496	26.89			1487.5	627			
OBS	406	7.79	34.483	26.92			1488.1	599			
OBS	507	6.89	34.394	26.98			1486.2	572			
OBS	607	6.22	34.388	27.06			1485.2	528			
OBS	808	4.68	34.340	27.21			1482.2	505			
OBS	1009	3.46	34.352	27.35			1480.4	486			
OBS	1209	2.80	34.449	27.49			1481.1	434			
OBS	1490	2.57	34.558	27.59			1485.0	405			
OBS	1798	2.39	34.656	27.69			1489.6	419			
OBS	2111	2.24	34.716	27.75			1494.4	433			
OBS	2318	2.13	34.731	27.77			1497.5	439			
OBS	2625	1.81	34.744	27.80			1501.4	453			
OBS	2932	1.48	34.734	27.82			1505.3	463			
OBS	3238	1.24	34.723	27.83			1509.5				
OBS	3548	1.12	34.717	27.83			1514.4				
OBS	3855	0.98	34.711	27.84			1519.2				
OBS	4161	0.89	34.705	27.84			1524.3	497			
OBS	4465	0.83	34.703	27.84			1529.4	498			
ISL	0	7.71	34.259	26.76	129.81	0.000	1480.8				
ISL	10	7.71	34.258	26.76	129.95	0.013	1481.0				
ISL	20	7.70	34.258	26.76	130.13	0.026	1481.1				
ISL	30	7.70	34.257	26.76	130.26	0.039	1481.3				
ISL	50	7.69	34.256	26.76	130.58	0.065	1481.6				
ISL	75	7.68	34.253	26.76	131.13	0.098	1482.0				
ISL	100	7.68	34.249	26.75	131.77	0.131	1482.3				
ISL	125	7.70	34.251	26.75	132.31	0.164	1482.8				
ISL	150	7.76	34.259	26.75	133.01	0.197	1483.5				
ISL	200	8.57	34.534	26.84	125.47	0.261	1487.8				
ISL	250	8.35	34.529	26.87	123.45	0.324	1487.8				
ISL	300	8.07	34.498	26.89	122.34	0.385	1487.5				
ISL	400	7.82	34.486	26.92	121.36	0.507	1488.2				
ISL	500	6.95	34.398	26.97	116.85	0.626	1486.3				
ISL	600	6.27	34.389	27.06	109.59	0.739	1485.2				
ISL	700	5.52	34.369	27.14	102.44	0.845	1483.9				
ISL	800	4.74	34.341	27.21	95.61	0.944	1482.3				
ISL	900	4.06	34.336	27.27	88.72	1.037	1481.1				
ISL	1000	3.50	34.350	27.34	82.00	1.122	1480.5				
ISL	1100	3.10	34.397	27.42	74.60	1.200	1480.5				
ISL	1200	2.82	34.445	27.48	68.51	1.272	1481.0				
ISL	1300	2.70	34.487	27.53	64.64	1.338	1482.3				
ISL	1400	2.63	34.526	27.56	61.57	1.401	1483.7				
ISL	1500	2.56	34.562	27.60	58.72	1.462	1485.1				
ISL	1750	2.42	34.643	27.67	52.32	1.600	1488.9				
ISL	2000	2.30	34.700	27.73	47.93	1.726	1492.7				
ISL	2250	2.17	34.727	27.76	45.50	1.842	1496.5				
ISL	2500	1.94	34.741	27.79	42.57	1.953	1499.8				
ISL	2750	1.68	34.740	27.81	39.98	2.056	1503.0				
ISL	3000	1.42	34.732	27.82	37.83	2.153	1506.2				
ISL	3250	1.23	34.723	27.83	36.53	2.246	1509.7				
ISL	3500	1.14	34.718	27.83	36.06	2.337	1513.7				
ISL	3750	1.03	34.713	27.83	35.25	2.426	1517.6				
ISL	4000	0.93	34.708	27.84	34.55	2.513	1521.6				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1219	0		17	7	70	9.9	5331.4S	16135.5E	499	3023	7.6	6.0	366	363	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	7.56	34.236	26.76			1480.3	691			
OBS	55	7.57	34.236	26.76			1481.2	690			
OBS	110	7.56	34.231	26.76			1482.0	681			
OBS	164	8.67	34.572	26.86			1487.6	632			
OBS	217	8.28	34.535	26.89			1487.0	617			
OBS	319	8.02	34.515	26.91			1487.6	633			
OBS	423	7.34	34.437	26.95			1486.6	579			
OBS	526	6.46	34.366	27.01			1484.8	583			
OBS	628	5.60	34.336	27.10			1483.0	541			
OBS	832	4.14	34.333	27.26			1480.3	514			
OBS	1035	3.22	34.354	27.37			1479.9	462			
OBS	1238	2.90	34.454	27.48			1482.0	424			
OBS	1418	2.61	34.549	27.58			1483.9	412			
OBS	1530	2.53	34.548	27.59			1485.5	408			
OBS	1642	2.45	34.624	27.66			1487.1	413			
OBS	1752	2.41	34.649	27.68			1488.9	420			
OBS	1865	2.35	34.681	27.71			1490.6	433			
OBS	2086	2.21	34.723	27.75			1493.8	429			
OBS	2307	2.06	34.739	27.78			1497.0				
OBS	2528	1.96	34.745	27.79			1500.3				
OBS	2727	1.76	34.746	27.81			1502.9				
OBS	2924	1.47	34.748	27.83			1505.1	460			
OBS	3021	1.43	34.736	27.83			1506.6	475			
ISL	0	7.56	34.236	26.76	129.45	0.000	1480.2				
ISL	10	7.56	34.236	26.76	129.66	0.013	1480.4				
ISL	20	7.56	34.236	26.76	129.84	0.026	1480.6				
ISL	30	7.56	34.236	26.76	130.02	0.039	1480.7				
ISL	50	7.57	34.236	26.76	130.40	0.065	1481.1				
ISL	75	7.57	34.234	26.76	130.90	0.098	1481.5				
ISL	100	7.56	34.231	26.76	131.45	0.130	1481.9				
ISL	125	7.77	34.298	26.78	129.80	0.163	1483.2				
ISL	150	8.47	34.510	26.84	124.74	0.195	1486.5				
ISL	200	8.40	34.547	26.88	121.96	0.257	1487.2				
ISL	250	8.17	34.525	26.90	121.07	0.317	1487.1				
ISL	300	8.10	34.522	26.90	121.03	0.378	1487.6				
ISL	400	7.52	34.454	26.94	119.25	0.498	1486.9				
ISL	500	6.68	34.381	27.00	114.38	0.615	1485.2				
ISL	600	5.83	34.341	27.08	107.31	0.726	1483.4				
ISL	700	5.03	34.326	27.16	99.30	0.829	1481.8				
ISL	800	4.34	34.331	27.24	91.47	0.924	1480.6				
ISL	900	3.77	34.335	27.30	85.35	1.013	1479.9				
ISL	1000	3.34	34.346	27.35	80.42	1.096	1479.8				
ISL	1100	3.12	34.383	27.40	75.82	1.174	1480.5				
ISL	1200	2.96	34.435	27.46	70.88	1.247	1481.6				
ISL	1300	2.80	34.486	27.52	65.85	1.315	1482.7				
ISL	1400	2.64	34.540	27.57	60.64	1.379	1483.7				
ISL	1500	2.55	34.544	27.58	59.88	1.439	1485.1				
ISL	1750	2.41	34.648	27.68	51.84	1.579	1488.8				
ISL	2000	2.27	34.710	27.74	46.85	1.702	1492.6				
ISL	2250	2.10	34.736	27.77	43.94	1.815	1496.2				
ISL	2500	1.98	34.745	27.79	42.77	1.924	1499.9				
ISL	2750	1.73	34.746	27.81	40.30	2.028	1503.2				
ISL	3000	1.43	34.739	27.83	37.53	2.125	1506.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1220	0		18	7	70	0.9	5333.5S	16327.0E	499	4540	7.8		326	334	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	7.48	34.299	26.82			1480.0				
OBS	49	7.48	34.291	26.81			1480.8				
OBS	99	7.51	34.299	26.82			1481.8				
OBS	146	7.72	34.376	26.85			1483.4				
OBS	196	7.80	34.422	26.87			1484.6				
OBS	290	7.93	34.502	26.91			1486.8				
OBS	384	7.57	34.447	26.92			1486.9				
OBS	479	6.98	34.390	26.96			1486.1				
OBS	574	6.78	34.414	27.01			1486.9				
OBS	766	5.61	34.381	27.13			1485.3				
OBS	963	4.13	34.343	27.27			1482.5				
OBS	1165	3.32	34.394	27.39			1482.5				
OBS	1407	2.84	34.499	27.52			1484.7				
OBS	1679	2.52	34.611	27.64			1488.1				
OBS	1947	2.32	34.683	27.71			1491.8	413			
OBS	2216	2.16	34.725	27.76			1495.8				
OBS	2481	1.96	34.743	27.79			1499.5	445			
OBS	2745	1.73	34.744	27.81			1503.1				
OBS	3012	1.53	34.745	27.83			1506.9	467			
OBS	3285	1.30	34.737	27.84			1510.6				
OBS	3755	1.06	34.722	27.84			1517.8	484			
OBS	4039	1.00	34.720	27.84			1522.6				
OBS	4225	0.93	34.720	27.85			1525.6	496			
ISL	0	7.48	34.299	26.82	123.68	0.000	1480.0				
ISL	10	7.48	34.296	26.82	124.03	0.012	1480.2				
ISL	20	7.47	34.293	26.82	124.37	0.025	1480.3				
ISL	30	7.47	34.292	26.82	124.65	0.037	1480.5				
ISL	50	7.48	34.291	26.81	125.09	0.062	1480.8				
ISL	75	7.49	34.290	26.81	125.65	0.094	1481.3				
ISL	100	7.51	34.300	26.82	125.69	0.125	1481.8				
ISL	125	7.64	34.346	26.83	124.43	0.156	1482.7				
ISL	150	7.73	34.381	26.85	123.60	0.187	1483.6				
ISL	200	7.81	34.426	26.87	122.19	0.249	1484.7				
ISL	250	7.88	34.470	26.90	120.84	0.309	1485.9				
ISL	300	7.91	34.497	26.91	120.17	0.370	1486.9				
ISL	400	7.49	34.437	26.93	120.04	0.490	1486.8				
ISL	500	6.91	34.392	26.97	116.69	0.608	1486.1				
ISL	600	6.68	34.412	27.02	113.53	0.723	1486.9				
ISL	700	6.07	34.393	27.09	107.85	0.834	1486.1				
ISL	800	5.37	34.375	27.16	101.22	0.939	1484.9				
ISL	900	4.61	34.355	27.23	94.01	1.036	1483.4				
ISL	1000	3.94	34.347	27.30	87.31	1.127	1482.3				
ISL	1100	3.50	34.371	27.36	81.17	1.211	1482.2				
ISL	1200	3.22	34.409	27.42	75.77	1.290	1482.7				
ISL	1300	3.00	34.453	27.47	70.64	1.363	1483.5				
ISL	1400	2.85	34.496	27.52	66.33	1.431	1484.6				
ISL	1500	2.71	34.538	27.57	62.12	1.495	1485.7				
ISL	1750	2.46	34.633	27.66	53.50	1.640	1489.0				
ISL	2000	2.29	34.693	27.72	48.26	1.767	1492.6				
ISL	2250	2.14	34.728	27.77	44.97	1.884	1496.3				
ISL	2500	1.94	34.743	27.79	42.44	1.993	1499.8				
ISL	2750	1.73	34.744	27.81	40.38	2.096	1503.2				
ISL	3000	1.54	34.745	27.82	38.56	2.195	1506.7				
ISL	3250	1.33	34.738	27.83	36.75	2.289	1510.1				
ISL	3500	1.17	34.730	27.84	35.58	2.380	1513.8				
ISL	3750	1.06	34.722	27.84	35.11	2.468	1517.7				
ISL	4000	1.01	34.720	27.84	34.90	2.556	1521.9				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1221	0		19	7	70	1.2	5520.0S	16502.9E	499	3595	4.3		285	283	22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	5.81	33.999	26.81			1473.0	605Q			
OBS	49	5.80	33.991	26.80			1473.7	712			
OBS	100	5.70	33.985	26.81			1474.2	678			
OBS	148	5.24	33.949	26.84			1473.0	711			
OBS	196	6.39	34.241	26.92			1478.9	664			
OBS	292	5.67	34.222	27.00			1477.5	625			
OBS	387	4.42	34.229	27.15			1474.0	596			
OBS	482	4.14	34.206	27.16			1474.3	588			
OBS	577	4.99Q	34.250	27.10Q			1479.5Q	562			
OBS	767	3.45	34.342	27.34			1476.3	490			
OBS	841	3.22	34.353	27.37			1476.6	474			
OBS	958	2.97	34.428	27.45			1477.6	436			
OBS	991	2.95	34.438	27.46			1478.1	439			
OBS	1140	2.69	34.435	27.48			1479.4	422			
OBS	1275	2.60	34.474	27.52			1481.4				
OBS	1551	2.41	34.638	27.67			1485.4				
OBS	1832	2.26	34.700	27.73			1489.6				
OBS	1982	2.17	34.722	27.76			1491.8				
OBS	2125	2.07	34.730	27.77			1493.9				
OBS	2345	1.92	34.747	27.80			1497.0				
OBS	2561	1.77	34.747	27.81			1500.1				
OBS	2710	1.65	34.746	27.82			1502.1				
ISL	0	5.81	33.999	26.81	124.86	0.000	1473.0				
ISL	10	5.82	33.998	26.81	125.18	0.013	1473.2				
ISL	20	5.82	33.996	26.80	125.47	0.025	1473.4				
ISL	30	5.82	33.994	26.80	125.67	0.038	1473.5				
ISL	50	5.80	33.991	26.80	125.98	0.063	1473.8				
ISL	75	5.78	33.988	26.80	126.24	0.094	1474.1				
ISL	100	5.70	33.985	26.81	125.86	0.126	1474.2				
ISL	125	5.49	33.967	26.82	124.97	0.157	1473.7				
ISL	150	5.26	33.955	26.84	123.54	0.188	1473.1				
ISL	200	6.43	34.240	26.92	117.24	0.248	1479.1				
ISL	250	6.12	34.229	26.95	114.70	0.306	1478.6				
ISL	300	5.58	34.222	27.01	109.29	0.362	1477.3				
ISL	400	4.36	34.227	27.16	95.63	0.465	1473.9				
ISL	500	4.09	34.213	27.17	94.69	0.560	1474.4				
ISL	600	3.84	34.261	27.24	89.28	0.652	1475.1				
ISL	700	3.62	34.309	27.30	84.05	0.739	1475.9				
ISL	800	3.35	34.348	27.36	78.90	0.820	1476.5				
ISL	900	3.06	34.393	27.42	73.18	0.896	1477.0				
ISL	1000	2.94	34.439	27.47	69.07	0.967	1478.2				
ISL	1100	2.75	34.432	27.48	68.08	1.036	1479.0				
ISL	1200	2.65	34.448	27.50	66.40	1.103	1480.3				
ISL	1300	2.58	34.485	27.53	63.47	1.168	1481.7				
ISL	1400	2.51	34.544	27.59	58.91	1.229	1483.2				
ISL	1500	2.45	34.614	27.65	53.50	1.285	1484.7				
ISL	1750	2.31	34.685	27.72	47.92	1.412	1488.4				
ISL	2000	2.16	34.723	27.76	44.50	1.528	1492.1				
ISL	2250	1.98	34.739	27.79	42.27	1.636	1495.6				
ISL	2500	1.81	34.747	27.81	40.44	1.740	1499.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1222	0		19	7	70	18.6	5640.2S	16455.1E	499	4888	2.0		144	142	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	4.12	33.887	26.91			1465.9	741			
OBS	53	3.22	33.856	26.98			1462.9	716			
OBS	106	2.87	33.899	27.04			1462.3	664Q			
OBS	157	2.45	33.983	27.14			1461.4	712			
OBS	207	2.44	34.062	27.21			1462.3	666			
OBS	308	2.64	34.207	27.31			1465.1	567			
OBS	408	2.56	34.304	27.39			1466.5	508			
OBS	508	2.18	34.362	27.47			1466.6	484			
OBS	608	2.58	34.482	27.53			1470.1	437			
OBS	807	2.42	34.583	27.63			1472.9	414			
OBS	1006	2.33	34.649	27.69			1475.9	417			
OBS	1206	2.09	34.700	27.75			1478.3				
OBS	1470	2.03	34.738	27.78			1482.5	448			
OBS	1767	1.83	34.745	27.80			1486.7	459			
OBS	2061	1.59	34.743	27.82			1490.7	463			
OBS	2351	1.43	34.737	27.83			1494.9	463			
OBS	2646	1.22	34.728	27.83			1499.1	475			
OBS	2944	1.13	34.727	27.84			1503.8	481			
OBS	3242	1.01	34.716	27.84			1508.5				
OBS	3642	0.90	34.714	27.84			1515.0	491			
OBS	4044	0.84	34.711	27.84			1521.9	501			
OBS	4544	0.82	34.708	27.84			1530.7	502			
OBS	4844	0.84	34.709	27.84			1536.2	500			
ISL	0	4.12	33.887	26.91	115.03	0.000	1465.9				
ISL	10	3.93	33.877	26.92	114.07	0.011	1465.2				
ISL	20	3.74	33.868	26.94	112.99	0.023	1464.6				
ISL	30	3.57	33.861	26.95	111.89	0.034	1464.0				
ISL	50	3.26	33.856	26.97	109.65	0.056	1463.0				
ISL	75	3.08	33.866	27.00	107.48	0.083	1462.6				
ISL	100	2.91	33.891	27.03	104.27	0.110	1462.4				
ISL	125	2.72	33.930	27.08	99.81	0.135	1462.0				
ISL	150	2.50	33.972	27.13	95.03	0.160	1461.5				
ISL	200	2.43	34.051	27.20	88.69	0.206	1462.2				
ISL	250	2.51	34.127	27.25	83.85	0.249	1463.4				
ISL	300	2.63	34.197	27.30	79.97	0.290	1464.9				
ISL	400	2.58	34.298	27.38	72.46	0.366	1466.4				
ISL	500	2.19	34.355	27.46	65.16	0.435	1466.5				
ISL	600	2.56	34.474	27.53	60.20	0.497	1469.9				
ISL	700	2.50	34.540	27.58	55.33	0.555	1471.4				
ISL	800	2.42	34.580	27.62	52.07	0.609	1472.8				
ISL	900	2.37	34.618	27.66	49.28	0.660	1474.3				
ISL	1000	2.33	34.647	27.68	47.24	0.708	1475.8				
ISL	1100	2.22	34.675	27.72	44.55	0.754	1477.1				
ISL	1200	2.10	34.699	27.74	41.91	0.797	1478.2				
ISL	1300	2.07	34.717	27.76	40.78	0.838	1479.8				
ISL	1400	2.05	34.731	27.77	40.01	0.879	1481.5				
ISL	1500	2.02	34.740	27.78	39.35	0.918	1483.0				
ISL	1750	1.84	34.745	27.80	38.12	1.015	1486.5				
ISL	2000	1.64	34.744	27.82	36.70	1.109	1489.8				
ISL	2250	1.49	34.739	27.82	36.06	1.200	1493.5				
ISL	2500	1.33	34.733	27.83	35.26	1.289	1497.0				
ISL	2750	1.19	34.727	27.83	34.52	1.376	1500.7				
ISL	3000	1.11	34.726	27.84	34.06	1.462	1504.7				
ISL	3250	1.01	34.716	27.84	33.86	1.547	1508.6				
ISL	3500	0.93	34.715	27.84	33.30	1.631	1512.7				
ISL	3750	0.88	34.713	27.84	33.00	1.713	1516.8				
ISL	4000	0.84	34.711	27.84	32.96	1.796	1521.1				
ISL	4500	0.82	34.708	27.84	33.46	1.962	1529.9				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1223	0		20	7	70	13.9	5600.4S	16232.0E	499	4734	1.2		134	132	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	3.90	33.889	26.94			1465.0	751			
OBS	52	3.27	33.860	26.97			1463.1	687Q			
OBS	103	2.60	33.855	27.03			1461.0	771			
OBS	154	2.40	33.905	27.09			1461.1	732			
OBS	205	2.49	34.030	27.18			1462.5	680			
OBS	306	2.50	34.194	27.31			1464.4	520			
OBS	406	2.55	34.317	27.40			1466.4	509			
OBS	507	2.46	34.418	27.49			1467.8	459			
OBS	608	2.45	34.489	27.55			1469.6	443			
OBS	811	2.41	34.596	27.64			1472.9	424			
OBS	1013	2.31	34.662	27.70			1475.9	434			
OBS	1216	2.15	34.718	27.76			1478.7				
OBS	1425	2.02	34.747	27.79			1481.7				
OBS	1728	1.78	34.761	27.82			1485.8	456			
OBS	2032	1.53	34.752	27.83			1489.8	454			
OBS	2335	1.34	34.740	27.83			1494.1	487			
OBS	2639	1.18	34.733	27.84			1498.6	490			
OBS	2943	1.07	34.728	27.84			1503.4	493			
OBS	3245	0.92	34.720	27.85			1508.0				
OBS	3547	0.83	34.717	27.85			1512.9				
OBS	4052	0.78	34.712	27.85			1521.5	497			
OBS	4556	0.74	34.707	27.85			1530.3	503			
OBS	4707	0.72	34.705	27.85			1532.9	502			
ISL	0	3.90	33.889	26.94	112.74	0.000	1464.9				
ISL	10	3.79	33.882	26.94	112.30	0.011	1464.6				
ISL	20	3.66	33.875	26.95	111.72	0.022	1464.2				
ISL	30	3.54	33.869	26.96	111.09	0.034	1463.9				
ISL	50	3.30	33.861	26.97	109.62	0.056	1463.2				
ISL	75	2.97	33.851	26.99	107.63	0.083	1462.1				
ISL	100	2.64	33.854	27.03	104.75	0.109	1461.1				
ISL	125	2.46	33.868	27.05	102.34	0.135	1460.8				
ISL	150	2.40	33.899	27.08	99.71	0.161	1461.0				
ISL	200	2.48	34.018	27.17	91.58	0.208	1462.3				
ISL	250	2.49	34.116	27.25	84.54	0.252	1463.3				
ISL	300	2.50	34.185	27.30	79.66	0.293	1464.3				
ISL	400	2.55	34.310	27.40	71.26	0.369	1466.3				
ISL	500	2.46	34.412	27.49	63.42	0.436	1467.7				
ISL	600	2.45	34.484	27.54	58.42	0.497	1469.4				
ISL	700	2.44	34.543	27.59	54.44	0.554	1471.1				
ISL	800	2.41	34.591	27.63	51.12	0.606	1472.7				
ISL	900	2.37	34.628	27.67	48.51	0.656	1474.3				
ISL	1000	2.32	34.658	27.69	46.28	0.704	1475.7				
ISL	1100	2.24	34.689	27.72	43.69	0.749	1477.1				
ISL	1200	2.16	34.714	27.75	41.46	0.791	1478.5				
ISL	1300	2.10	34.733	27.77	39.89	0.832	1479.9				
ISL	1400	2.04	34.745	27.79	38.80	0.871	1481.3				
ISL	1500	1.96	34.753	27.80	37.84	0.909	1482.7				
ISL	1750	1.76	34.761	27.82	36.01	1.002	1486.0				
ISL	2000	1.56	34.753	27.83	35.08	1.091	1489.4				
ISL	2250	1.39	34.743	27.83	34.55	1.178	1492.9				
ISL	2500	1.25	34.736	27.84	34.01	1.263	1496.5				
ISL	2750	1.14	34.731	27.84	33.55	1.348	1500.4				
ISL	3000	1.04	34.727	27.84	33.12	1.431	1504.3				
ISL	3250	0.92	34.720	27.85	32.32	1.513	1508.1				
ISL	3500	0.84	34.717	27.85	31.79	1.593	1512.1				
ISL	3750	0.81	34.715	27.85	31.81	1.673	1516.3				
ISL	4000	0.78	34.713	27.85	31.97	1.752	1520.6				
ISL	4500	0.75	34.708	27.85	32.28	1.913	1529.3				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1224	0		21	7	70	9.4	5606.0S	16046.5E	499	4438	2.1		38	363	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10²·ml/l	PHOS 10²·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	3.00	33.726	26.89			1460.9	799			
OBS	49	2.76	33.824	26.99			1460.8				
OBS	97	2.46	33.872	27.05			1460.3				
OBS	146	1.86	33.891	27.12			1458.5	743			
OBS	193	2.28	34.072	27.23			1461.4				
OBS	289	2.07	34.220	27.36			1462.3				
OBS	386	2.28	34.354	27.45			1465.0	483			
OBS	482	2.18	34.451	27.54			1466.2				
OBS	579	2.41	34.538	27.59			1469.0	417			
OBS	775	2.28	34.607	27.66			1471.8				
OBS	975	2.24	34.675	27.71			1475.0				
OBS	1175	2.11	34.719	27.76			1477.8	450			
OBS	1371	2.00	34.742	27.79			1480.7				
OBS	1675	1.74	34.750	27.81			1484.7	455			
OBS	1979	1.48	34.745	27.83			1488.7				
OBS	2385	1.23	34.734	27.84			1494.5	473			
OBS	2689	1.02	34.722	27.84			1498.8				
OBS	2992	0.86	34.713	27.85			1503.3	496			
OBS	3296	0.77	34.710	27.85			1508.2	504			
OBS	3602	0.72	34.706	27.85			1513.3				
OBS	3905	0.69	34.705	27.85			1518.5	503			
OBS	4210	0.67	34.698	27.85			1523.9	516			
OBS	4414	0.66	34.695	27.84			1527.4	508			
ISL	0	3.00	33.726	26.89	116.90	0.000	1460.9				
ISL	10	2.96	33.748	26.91	114.98	0.012	1460.9				
ISL	20	2.92	33.770	26.94	112.96	0.023	1460.9				
ISL	30	2.87	33.791	26.96	111.04	0.034	1460.9				
ISL	50	2.75	33.825	26.99	107.62	0.056	1460.8				
ISL	75	2.62	33.855	27.03	104.34	0.083	1460.6				
ISL	100	2.43	33.874	27.06	101.55	0.108	1460.3				
ISL	125	2.15	33.884	27.09	98.60	0.133	1459.4				
ISL	150	1.86	33.901	27.12	95.32	0.158	1458.6				
ISL	200	2.29	34.090	27.24	84.59	0.203	1461.6				
ISL	250	2.11	34.163	27.32	77.83	0.243	1461.7				
ISL	300	2.07	34.236	27.38	72.25	0.281	1462.5				
ISL	400	2.28	34.370	27.47	64.43	0.349	1465.2				
ISL	500	2.20	34.468	27.55	56.82	0.410	1466.7				
ISL	600	2.40	34.547	27.60	53.27	0.465	1469.3				
ISL	700	2.32	34.581	27.63	50.52	0.517	1470.7				
ISL	800	2.27	34.616	27.66	47.92	0.566	1472.1				
ISL	900	2.26	34.650	27.69	45.74	0.613	1473.8				
ISL	1000	2.22	34.682	27.72	43.56	0.657	1475.4				
ISL	1100	2.16	34.705	27.74	41.63	0.700	1476.8				
ISL	1200	2.10	34.723	27.76	40.13	0.741	1478.2				
ISL	1300	2.04	34.736	27.78	39.04	0.780	1479.6				
ISL	1400	1.98	34.744	27.79	38.18	0.819	1481.1				
ISL	1500	1.89	34.749	27.80	37.29	0.857	1482.4				
ISL	1750	1.68	34.750	27.82	35.86	0.948	1485.7				
ISL	2000	1.47	34.745	27.83	34.64	1.036	1489.0				
ISL	2250	1.32	34.738	27.83	34.06	1.122	1492.6				
ISL	2500	1.15	34.730	27.84	33.27	1.206	1496.1				
ISL	2750	0.98	34.720	27.84	32.34	1.288	1499.7				
ISL	3000	0.86	34.713	27.85	31.63	1.368	1503.4				
ISL	3250	0.78	34.710	27.85	31.11	1.447	1507.5				
ISL	3500	0.73	34.707	27.85	30.97	1.524	1511.6				
ISL	3750	0.70	34.705	27.85	30.99	1.602	1515.9				
ISL	4000	0.68	34.703	27.85	31.13	1.679	1520.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1225	0		22	7	70	5.9	5604.3S	15747.6E	500	4858	2.9		324	342	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	3.50	33.838	26.94			1463.2	755			
OBS	50	3.51	33.842	26.94			1464.0				
OBS	99	3.49	33.844	26.94			1464.8	741			
OBS	149	3.62	34.004	27.06			1466.4				
OBS	198	3.36	34.092	27.15			1466.2	651			
OBS	298	3.32	34.225	27.26			1467.8				
OBS	397	2.91	34.292	27.35			1467.8	533			
OBS	595	2.59	34.441	27.50			1469.9				
OBS	794	2.33	34.553	27.61			1472.2				
OBS	993	2.36	34.631	27.67			1475.8	429			
OBS	1193	2.25	34.675	27.71			1478.7				
OBS	1393	2.14	34.722	27.76			1481.6	440			
OBS	1700	1.97	34.750	27.80			1486.1				
OBS	1994	1.72	34.750	27.81			1490.0	464			
OBS	2289	1.46	34.742	27.83			1493.9				
OBS	2583	1.25	34.733	27.84			1498.0	486			
OBS	2975	0.98	34.718	27.84			1503.6	483			
OBS	3367	0.86	34.712	27.84			1509.8	490			
OBS	3661	0.74	34.704	27.85			1514.5				
OBS	3955	0.64	34.699	27.85			1519.2	510			
OBS	4249	0.60	34.698	27.85			1524.2	520			
OBS	4544	0.60	34.699	27.85			1529.5	515			
OBS	4740	0.61	34.694	27.85			1533.0	519			
ISL	0	3.50	33.838	26.94	112.86	0.000	1463.2				
ISL	10	3.50	33.839	26.94	112.88	0.011	1463.3				
ISL	20	3.50	33.839	26.94	112.90	0.023	1463.5				
ISL	30	3.51	33.840	26.94	112.93	0.034	1463.7				
ISL	50	3.51	33.842	26.94	112.97	0.056	1464.0				
ISL	75	3.50	33.843	26.94	113.02	0.085	1464.4				
ISL	100	3.49	33.846	26.94	112.90	0.113	1464.8				
ISL	125	3.54	33.936	27.01	106.76	0.140	1465.5				
ISL	150	3.62	34.006	27.06	102.40	0.167	1466.4				
ISL	200	3.35	34.095	27.15	93.58	0.216	1466.2				
ISL	250	3.36	34.169	27.21	88.42	0.261	1467.1				
ISL	300	3.32	34.227	27.26	84.07	0.304	1467.8				
ISL	400	2.90	34.294	27.35	75.72	0.384	1467.8				
ISL	500	2.73	34.368	27.43	69.19	0.457	1468.8				
ISL	600	2.58	34.444	27.50	62.66	0.522	1469.9				
ISL	700	2.43	34.505	27.56	57.27	0.582	1471.0				
ISL	800	2.33	34.556	27.61	52.93	0.637	1472.3				
ISL	900	2.36	34.599	27.64	50.62	0.689	1474.2				
ISL	1000	2.36	34.633	27.67	48.52	0.739	1475.9				
ISL	1100	2.30	34.654	27.69	46.87	0.787	1477.3				
ISL	1200	2.25	34.677	27.71	45.16	0.833	1478.8				
ISL	1300	2.19	34.700	27.74	43.31	0.877	1480.3				
ISL	1400	2.14	34.723	27.76	41.48	0.919	1481.7				
ISL	1500	2.08	34.737	27.78	40.32	0.960	1483.2				
ISL	1750	1.93	34.751	27.80	38.66	1.059	1486.8				
ISL	2000	1.71	34.750	27.82	37.18	1.154	1490.1				
ISL	2250	1.49	34.743	27.83	35.83	1.245	1493.4				
ISL	2500	1.31	34.736	27.83	34.79	1.333	1496.8				
ISL	2750	1.13	34.727	27.84	33.76	1.419	1500.3				
ISL	3000	0.97	34.717	27.84	32.78	1.502	1503.9				
ISL	3250	0.90	34.714	27.84	32.48	1.584	1508.0				
ISL	3500	0.81	34.708	27.85	31.94	1.664	1511.9				
ISL	3750	0.71	34.702	27.85	31.24	1.743	1515.9				
ISL	4000	0.63	34.699	27.85	30.61	1.820	1519.9				
ISL	4500	0.60	34.699	27.85	30.53	1.973	1528.7				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1226	0		23	7	70	14.5	5513.6S	15916.3E	500	5043	4.7		367	14	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	3.81	33.870	26.93			1464.6	732			
OBS	49	3.78	33.861	26.93			1465.2				
OBS	98	3.58	33.854	26.94			1465.2	747			
OBS	145	3.29	33.988	27.07			1464.9				
OBS	194	3.18	34.082	27.16			1465.3	661			
OBS	288	2.81	34.154	27.25			1465.4				
OBS	382	2.76	34.275	27.35			1466.9	527			
OBS	478	2.64	34.359	27.43			1468.1				
OBS	576	2.66	34.434	27.49			1469.9	441			
OBS	775	2.54	34.521	27.57			1472.8				
OBS	975	2.40	34.614	27.65			1475.7	402			
OBS	1175	2.25	34.687	27.72			1478.5	428			
OBS	1680	2.04	34.747	27.79			1486.2	453			
OBS	1977	1.94	34.753	27.80			1490.8				
OBS	2275	1.78	34.752	27.81			1495.2	459			
OBS	2572	1.68	34.752	27.82			1499.9				
OBS	2869	1.48	34.742	27.83			1504.2	477			
OBS	3267	1.23	34.729	27.83			1510.0				
OBS	3661	0.97	34.710	27.84			1515.8	484			
OBS	4058	0.86	34.710	27.84			1522.3				
OBS	4357	0.83	34.710	27.84			1527.5	504			
OBS	4657	0.80	34.703	27.84			1532.7	506			
OBS	4857	0.81	34.703	27.84			1536.4	502			
ISL	0	3.81	33.870	26.93	113.31	0.000	1464.5				
ISL	10	3.82	33.868	26.93	113.61	0.011	1464.7				
ISL	20	3.82	33.866	26.93	113.84	0.023	1464.9				
ISL	30	3.81	33.864	26.93	113.99	0.034	1465.0				
ISL	50	3.78	33.861	26.93	114.07	0.057	1465.2				
ISL	75	3.69	33.857	26.93	113.77	0.085	1465.3				
ISL	100	3.57	33.857	26.94	112.76	0.114	1465.1				
ISL	125	3.42	33.935	27.02	105.68	0.141	1465.0				
ISL	150	3.27	34.000	27.09	99.66	0.167	1464.9				
ISL	200	3.16	34.089	27.17	92.22	0.215	1465.4				
ISL	250	2.97	34.119	27.21	88.51	0.260	1465.4				
ISL	300	2.80	34.167	27.26	83.71	0.303	1465.6				
ISL	400	2.74	34.293	27.37	74.30	0.382	1467.1				
ISL	500	2.64	34.377	27.44	67.64	0.453	1468.5				
ISL	600	2.65	34.445	27.49	63.32	0.518	1470.3				
ISL	700	2.59	34.488	27.54	60.02	0.580	1471.7				
ISL	800	2.52	34.532	27.58	56.61	0.638	1473.2				
ISL	900	2.45	34.579	27.62	53.04	0.693	1474.6				
ISL	1000	2.38	34.624	27.66	49.42	0.744	1476.0				
ISL	1100	2.31	34.662	27.70	46.34	0.792	1477.4				
ISL	1200	2.23	34.693	27.73	43.80	0.837	1478.8				
ISL	1300	2.18	34.718	27.75	41.88	0.880	1480.3				
ISL	1400	2.14	34.730	27.77	41.06	0.922	1481.9				
ISL	1500	2.11	34.736	27.77	40.67	0.963	1483.4				
ISL	1750	2.02	34.750	27.79	39.74	1.063	1487.3				
ISL	2000	1.93	34.753	27.80	39.54	1.162	1491.2				
ISL	2250	1.79	34.752	27.81	38.86	1.260	1494.8				
ISL	2500	1.71	34.752	27.82	38.72	1.357	1498.8				
ISL	2750	1.56	34.746	27.82	38.02	1.453	1502.4				
ISL	3000	1.40	34.738	27.83	37.11	1.547	1506.1				
ISL	3250	1.24	34.730	27.83	36.17	1.639	1509.7				
ISL	3500	1.08	34.718	27.84	35.11	1.728	1513.4				
ISL	3750	0.93	34.710	27.84	34.06	1.814	1517.2				
ISL	4000	0.87	34.710	27.84	33.46	1.898	1521.3				
ISL	4500	0.82	34.707	27.84	33.47	2.066	1530.0				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1227	0		24	7	70	9.5	5718.4S	15927.9E	500	4028	2.9		46	364	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	2.10	33.809	27.03			1457.1				
OBS	46	1.85	33.823	27.06			1456.8	754			
OBS	92	1.11	33.912	27.19			1454.3	759			
OBS	137	1.01	34.076	27.32			1454.9				
OBS	183	1.21	34.177	27.39			1456.7	592			
OBS	274	1.77	34.365	27.50			1460.9				
OBS	365	2.06	34.466	27.56			1463.8	423			
OBS	455	2.10	34.527	27.61			1465.6				
OBS	545	2.21	34.592	27.65			1467.6	396			
OBS	724	2.18	34.665	27.71			1470.6				
OBS	908	2.08	34.708	27.75			1473.3	430			
OBS	1099	1.99	34.728	27.78			1476.1	432			
OBS	1474	1.76	34.753	27.81			1481.4	458			
OBS	1676	1.60	34.748	27.82			1484.1	459			
OBS	1879	1.38	34.744	27.84			1486.6	469			
OBS	2082	1.16	34.728	27.84			1489.1	473			
OBS	2386	0.99	34.722	27.84			1493.6				
OBS	2690	0.89	34.711	27.84			1498.3	490			
OBS	2994	0.77	34.708	27.85			1503.1				
OBS	3297	0.70	34.703	27.85			1508.1				
OBS	3601	0.66	34.700	27.85			1513.2	491			
OBS	3907	0.64	34.701	27.85			1518.5	497			
OBS	4007	0.64	34.699	27.85			1520.3	500			
ISL	0	2.10	33.809	27.03	103.50	0.000	1457.1				
ISL	10	2.07	33.806	27.03	103.52	0.010	1457.1				
ISL	20	2.02	33.806	27.04	103.22	0.021	1457.1				
ISL	30	1.96	33.810	27.04	102.52	0.031	1457.0				
ISL	50	1.81	33.828	27.07	100.11	0.051	1456.6				
ISL	75	1.37	33.870	27.14	93.94	0.075	1455.1				
ISL	100	1.05	33.936	27.21	86.90	0.098	1454.3				
ISL	125	0.99	34.038	27.30	78.83	0.119	1454.5				
ISL	150	1.04	34.107	27.35	73.93	0.138	1455.2				
ISL	200	1.30	34.213	27.42	67.77	0.173	1457.4				
ISL	250	1.63	34.321	27.48	62.22	0.206	1459.8				
ISL	300	1.88	34.401	27.52	58.25	0.236	1461.9				
ISL	400	2.07	34.490	27.58	53.58	0.292	1464.5				
ISL	500	2.15	34.559	27.63	49.54	0.343	1466.6				
ISL	600	2.23	34.621	27.67	46.07	0.391	1468.7				
ISL	700	2.19	34.657	27.70	43.52	0.436	1470.2				
ISL	800	2.14	34.686	27.73	41.38	0.478	1471.7				
ISL	900	2.08	34.707	27.75	39.83	0.519	1473.1				
ISL	1000	2.04	34.720	27.77	38.83	0.558	1474.6				
ISL	1100	1.99	34.728	27.78	38.19	0.597	1476.1				
ISL	1200	1.94	34.737	27.79	37.44	0.635	1477.6				
ISL	1300	1.88	34.746	27.80	36.57	0.672	1479.0				
ISL	1400	1.81	34.751	27.81	35.92	0.708	1480.4				
ISL	1500	1.74	34.752	27.82	35.45	0.744	1481.8				
ISL	1750	1.52	34.746	27.83	34.36	0.831	1485.0				
ISL	2000	1.25	34.734	27.84	32.91	0.915	1488.1				
ISL	2250	1.05	34.725	27.84	31.79	0.996	1491.5				
ISL	2500	0.95	34.718	27.84	31.64	1.075	1495.3				
ISL	2750	0.87	34.710	27.84	31.58	1.154	1499.3				
ISL	3000	0.77	34.708	27.85	30.82	1.232	1503.2				
ISL	3250	0.71	34.704	27.85	30.61	1.309	1507.3				
ISL	3500	0.67	34.701	27.85	30.59	1.386	1511.5				
ISL	3750	0.65	34.700	27.85	30.52	1.462	1515.8				
ISL	4000	0.64	34.699	27.85	30.73	1.538	1520.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1228	0		25	7	70	19.2	5937.2S	15731.8E	500	4568	1.2		325	323	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	1.07	33.860	27.15			1452.6	775			
OBS	53	1.01	34.111	27.35			1453.5				
OBS	104	0.99	34.110	27.35			1454.3	650			
OBS	155	1.40	34.268	27.45			1457.2				
OBS	207	1.79	34.399	27.53			1459.9	460			
OBS	309	2.19	34.563	27.63			1463.6				
OBS	411	2.12	34.603	27.67			1465.0	399			
OBS	612	2.10	34.683	27.73			1468.4				
OBS	814	2.02	34.725	27.77			1471.4	445			
OBS	1016	1.91	34.747	27.80			1474.3				
OBS	1217	1.74	34.755	27.82			1477.0	460			
OBS	1418	1.56	34.755	27.83			1479.6	470			
OBS	1535	1.47	34.747	27.83			1481.1	468			
OBS	1737	1.29	34.740	27.84			1483.7				
OBS	1939	1.12	34.729	27.84			1486.4	486			
OBS	2243	0.95	34.723	27.85			1490.8				
OBS	2545	0.84	34.713	27.85			1495.5	489			
OBS	2847	0.70	34.710	27.85			1500.1				
OBS	3149	0.62	34.703	27.85			1505.0				
OBS	3651	0.59	34.700	27.85			1513.6				
OBS	4053	0.60	34.701	27.85			1520.7	514			
OBS	4354	0.62	34.696	27.85			1526.2				
OBS	4555	0.64	34.696	27.85			1529.8	519			
ISL	0	1.07	33.860	27.15	92.69	0.000	1452.6				
ISL	10	1.05	33.916	27.19	88.38	0.009	1452.7				
ISL	20	1.04	33.971	27.24	84.05	0.018	1452.9				
ISL	30	1.03	34.020	27.28	80.26	0.026	1453.1				
ISL	50	1.01	34.103	27.35	73.95	0.041	1453.5				
ISL	75	0.99	34.107	27.35	73.58	0.060	1453.8				
ISL	100	0.98	34.104	27.35	73.67	0.078	1454.1				
ISL	125	1.16	34.177	27.40	69.42	0.096	1455.5				
ISL	150	1.36	34.254	27.44	65.02	0.113	1456.9				
ISL	200	1.74	34.383	27.52	58.15	0.144	1459.6				
ISL	250	2.02	34.483	27.58	52.96	0.171	1461.7				
ISL	300	2.17	34.553	27.62	49.21	0.197	1463.3				
ISL	400	2.13	34.599	27.66	45.91	0.245	1464.9				
ISL	500	2.12	34.638	27.69	43.30	0.289	1466.5				
ISL	600	2.10	34.678	27.73	40.69	0.331	1468.2				
ISL	700	2.07	34.705	27.75	38.85	0.371	1469.7				
ISL	800	2.03	34.723	27.77	37.59	0.409	1471.2				
ISL	900	1.98	34.736	27.78	36.60	0.446	1472.7				
ISL	1000	1.92	34.746	27.80	35.76	0.482	1474.1				
ISL	1100	1.84	34.752	27.81	34.98	0.518	1475.4				
ISL	1200	1.75	34.755	27.82	34.27	0.552	1476.7				
ISL	1300	1.67	34.757	27.82	33.57	0.586	1478.0				
ISL	1400	1.58	34.756	27.83	33.08	0.620	1479.3				
ISL	1500	1.50	34.749	27.83	33.09	0.653	1480.6				
ISL	1750	1.28	34.739	27.84	32.22	0.734	1483.9				
ISL	2000	1.08	34.728	27.84	31.46	0.814	1487.2				
ISL	2250	0.95	34.723	27.85	30.77	0.892	1490.9				
ISL	2500	0.86	34.714	27.85	30.79	0.969	1494.8				
ISL	2750	0.74	34.711	27.85	29.95	1.045	1498.6				
ISL	3000	0.65	34.707	27.85	29.39	1.119	1502.5				
ISL	3250	0.60	34.702	27.85	29.37	1.192	1506.6				
ISL	3500	0.59	34.700	27.85	29.50	1.266	1511.0				
ISL	3750	0.59	34.700	27.85	29.71	1.340	1515.3				
ISL	4000	0.60	34.701	27.85	29.95	1.414	1519.8				
ISL	4500	0.63	34.696	27.85	31.30	1.568	1528.8				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1229	0		26	7	70	17.0	5803.8S	15731.5E	500	6125	2.2		264	263	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	2.90	33.862	27.01			1460.6	745			
OBS	50	2.86	33.863	27.01			1461.3				
OBS	99	2.89	33.926	27.06			1462.3	746			
OBS	148	2.79	34.039	27.16			1462.8				
OBS	197	2.65	34.150	27.26			1463.2	606			
OBS	389	2.51	34.338	27.42			1466.0				
OBS	577	2.52	34.513	27.56			1469.4	424			
OBS	765	2.40	34.600	27.64			1472.1				
OBS	956	2.31	34.671	27.70			1475.0	423			
OBS	1149	2.24	34.706	27.74			1478.0	439			
OBS	1247	2.10	34.719	27.76			1479.0	431			
OBS	1347	2.04	34.730	27.77			1480.5	441			
OBS	1625	1.88	34.754	27.81			1484.5	452			
OBS	1807	1.73	34.752	27.82			1486.9				
OBS	2082	1.47	34.745	27.83			1490.4	466			
OBS	2358	1.24	34.731	27.83			1494.1	472			
OBS	2816	0.94	34.717	27.84			1500.7	479			
OBS	3276	0.74	34.707	27.85			1507.8	491			
OBS	3746	0.64	34.700	27.85			1515.6				
OBS	4228	0.58	34.693	27.85			1523.9	487			
OBS	4720	0.61	34.692	27.84			1532.8				
OBS	5217	0.64	34.695	27.84			1541.9	502			
OBS	5715	0.69	34.696	27.84			1551.1	498			
ISL	0	2.90	33.862	27.01	105.80	0.000	1460.6				
ISL	10	2.89	33.858	27.01	106.10	0.011	1460.8				
ISL	20	2.88	33.855	27.01	106.28	0.021	1460.9				
ISL	30	2.87	33.855	27.01	106.25	0.032	1461.0				
ISL	50	2.86	33.863	27.01	105.67	0.053	1461.3				
ISL	75	2.87	33.888	27.03	104.00	0.079	1461.8				
ISL	100	2.89	33.928	27.06	101.29	0.105	1462.3				
ISL	125	2.85	33.986	27.11	96.73	0.130	1462.6				
ISL	150	2.79	34.044	27.16	91.98	0.153	1462.8				
ISL	200	2.64	34.155	27.27	82.66	0.197	1463.2				
ISL	250	2.56	34.206	27.31	78.37	0.237	1463.7				
ISL	300	2.53	34.253	27.35	74.88	0.275	1464.5				
ISL	400	2.51	34.348	27.43	68.01	0.347	1466.2				
ISL	500	2.52	34.444	27.51	61.52	0.412	1468.0				
ISL	600	2.51	34.528	27.57	55.73	0.470	1469.7				
ISL	700	2.44	34.573	27.62	52.19	0.524	1471.2				
ISL	800	2.38	34.615	27.65	49.07	0.575	1472.6				
ISL	900	2.33	34.653	27.69	46.27	0.623	1474.1				
ISL	1000	2.29	34.682	27.72	44.25	0.668	1475.7				
ISL	1100	2.26	34.698	27.73	43.18	0.712	1477.2				
ISL	1200	2.16	34.713	27.75	41.57	0.754	1478.5				
ISL	1300	2.07	34.725	27.77	40.16	0.795	1479.8				
ISL	1400	2.01	34.735	27.78	39.18	0.834	1481.2				
ISL	1500	1.95	34.745	27.79	38.28	0.873	1482.7				
ISL	1750	1.78	34.753	27.81	36.79	0.967	1486.2				
ISL	2000	1.55	34.748	27.83	35.33	1.057	1489.4				
ISL	2250	1.33	34.736	27.83	34.32	1.144	1492.7				
ISL	2500	1.14	34.726	27.84	33.37	1.229	1496.1				
ISL	2750	0.98	34.719	27.84	32.37	1.311	1499.7				
ISL	3000	0.85	34.713	27.85	31.52	1.391	1503.5				
ISL	3250	0.75	34.707	27.85	30.90	1.469	1507.4				
ISL	3500	0.68	34.704	27.85	30.49	1.546	1511.4				
ISL	3750	0.64	34.700	27.85	30.42	1.622	1515.7				
ISL	4000	0.60	34.696	27.85	30.31	1.698	1519.9				
ISL	4500	0.60	34.692	27.84	31.01	1.851	1528.8				
ISL	5000	0.63	34.694	27.84	31.75	2.008	1537.9				
ISL	5500	0.67	34.696	27.84	32.77	2.169	1547.1				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1230	0		29	7	70	1.2	5800.0S	14647.9E	501	3303	1.9		370	365	22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	0.15	33.868	27.21			1448.4	797			
OBS	50	0.16	33.864	27.20			1449.3				
OBS	99	0.15	33.868	27.21			1450.0	789			
OBS	149	0.66	34.134	27.39			1453.6				
OBS	199	1.85	34.416	27.54			1460.1	441			
OBS	299	2.18	34.530	27.60			1463.3				
OBS	399	2.15	34.592	27.65			1464.9	398			
OBS	499	2.17	34.611	27.67			1466.7	414			
OBS	600	2.14	34.640	27.69			1468.3				
OBS	806	2.02	34.658	27.72			1471.2				
OBS	1013	1.94	34.744	27.79			1474.4	443			
OBS	1224	1.81	34.750	27.81			1477.4				
OBS	1252	1.75	34.753	27.82			1477.6	464			
OBS	1619	1.40	34.741	27.83			1482.3	466			
OBS	1804	1.24	34.734	27.84			1484.7				
OBS	1991	1.05	34.723	27.84			1487.0	475			
OBS	2178	0.93	34.718	27.84			1489.7				
OBS	2369	0.78	34.711	27.85			1492.3				
OBS	2561	0.65	34.702	27.85			1495.0				
OBS	2759	0.53	34.696	27.85			1497.8	493			
OBS	2952	0.39	34.690	27.86			1500.6	504			
OBS	3052	0.33	34.685	27.85			1502.0	500			
ISL	0	0.15	33.868	27.21	87.02	0.000	1448.4				
ISL	10	0.15	33.866	27.21	87.15	0.009	1448.6				
ISL	20	0.15	33.864	27.20	87.29	0.017	1448.7				
ISL	30	0.16	33.864	27.20	87.33	0.026	1448.9				
ISL	50	0.16	33.864	27.20	87.31	0.044	1449.3				
ISL	75	0.16	33.864	27.20	87.25	0.065	1449.7				
ISL	100	0.15	33.871	27.21	86.68	0.087	1450.1				
ISL	125	0.34	34.002	27.31	77.64	0.108	1451.5				
ISL	150	0.68	34.139	27.40	69.19	0.126	1453.7				
ISL	200	1.86	34.420	27.54	56.35	0.157	1460.2				
ISL	250	2.12	34.488	27.57	53.43	0.185	1462.2				
ISL	300	2.18	34.531	27.60	50.99	0.211	1463.4				
ISL	400	2.15	34.592	27.66	46.56	0.260	1465.0				
ISL	500	2.17	34.611	27.67	45.84	0.306	1466.7				
ISL	600	2.14	34.640	27.69	43.88	0.351	1468.3				
ISL	700	2.08	34.652	27.71	42.93	0.394	1469.7				
ISL	800	2.02	34.657	27.72	42.50	0.437	1471.1				
ISL	900	1.98	34.694	27.75	39.77	0.478	1472.7				
ISL	1000	1.95	34.741	27.79	36.38	0.516	1474.2				
ISL	1100	1.90	34.743	27.80	36.16	0.552	1475.7				
ISL	1200	1.84	34.748	27.80	35.67	0.588	1477.2				
ISL	1300	1.69	34.752	27.82	34.13	0.623	1478.1				
ISL	1400	1.60	34.749	27.82	33.83	0.657	1479.4				
ISL	1500	1.51	34.745	27.83	33.51	0.691	1480.7				
ISL	1750	1.29	34.736	27.84	32.52	0.773	1484.0				
ISL	2000	1.04	34.723	27.84	31.40	0.853	1487.1				
ISL	2250	0.87	34.716	27.85	30.47	0.931	1490.6				
ISL	2500	0.69	34.705	27.85	29.43	1.006	1494.1				
ISL	2750	0.54	34.696	27.85	28.42	1.078	1497.7				
ISL	3000	0.36	34.688	27.86	26.98	1.147	1501.3				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1231	0		31	7	70	3.3	5801.6S	13958.8E	502	3962	2.6		357	333	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	1.46	33.739	27.02			1454.2	762			
OBS	49	1.44	33.731	27.02			1454.9				
OBS	97	1.42	33.732	27.02			1455.6	783			
OBS	145	1.34	33.779	27.06			1456.1				
OBS	192	1.37	34.029	27.26			1457.3	679			
OBS	287	2.17	34.225	27.36			1462.7				
OBS	381	2.25	34.321	27.43			1464.7	475			
OBS	476	2.31	34.409	27.50			1466.7	460			
OBS	571	2.31	34.474	27.55			1468.3	467			
OBS	762	2.29	34.552	27.61			1471.5	444			
OBS	958	2.23	34.624	27.67			1474.6	432			
OBS	1157	2.12	34.661	27.71			1477.5	447			
OBS	1163	2.12	34.661	27.71			1477.6	453			
OBS	1339	2.00	34.680	27.74			1480.1				
OBS	1525	1.87	34.687	27.75			1482.7				
OBS	1713	1.71	34.688	27.77			1485.1				
OBS	2006	1.46	34.682	27.78			1489.0	476			
OBS	2305	1.20	34.671	27.79			1493.0				
OBS	2605	0.95	34.655	27.79			1497.0	505			
OBS	2905	0.70	34.639	27.80			1501.1				
OBS	3204	0.50	34.635	27.80			1505.4				
OBS	3603	0.28	34.625	27.81			1511.4				
OBS	3803	0.20	34.620	27.81			1514.5	539			
ISL	0	1.46	33.739	27.02	104.36	0.000	1454.1				
ISL	10	1.46	33.736	27.02	104.52	0.010	1454.3				
ISL	20	1.45	33.734	27.02	104.69	0.021	1454.4				
ISL	30	1.45	33.733	27.02	104.81	0.031	1454.6				
ISL	50	1.44	33.731	27.02	104.92	0.052	1454.9				
ISL	75	1.43	33.729	27.02	105.06	0.079	1455.2				
ISL	100	1.42	33.733	27.02	104.67	0.105	1455.6				
ISL	125	1.38	33.743	27.03	103.68	0.131	1455.8				
ISL	150	1.34	33.797	27.08	99.43	0.156	1456.1				
ISL	200	1.41	34.061	27.29	80.05	0.201	1457.7				
ISL	250	1.90	34.171	27.34	75.54	0.240	1460.8				
ISL	300	2.19	34.243	27.37	72.73	0.277	1463.0				
ISL	400	2.26	34.340	27.44	66.55	0.347	1465.1				
ISL	500	2.31	34.427	27.51	60.89	0.410	1467.1				
ISL	600	2.31	34.489	27.56	56.70	0.469	1468.8				
ISL	700	2.30	34.528	27.59	54.24	0.525	1470.5				
ISL	800	2.28	34.567	27.62	51.68	0.578	1472.1				
ISL	900	2.25	34.606	27.66	48.96	0.628	1473.7				
ISL	1000	2.21	34.636	27.69	46.78	0.676	1475.3				
ISL	1100	2.15	34.657	27.71	45.13	0.722	1476.7				
ISL	1200	2.10	34.664	27.72	44.50	0.767	1478.1				
ISL	1300	2.03	34.677	27.73	43.28	0.811	1479.5				
ISL	1400	1.96	34.684	27.74	42.45	0.853	1480.9				
ISL	1500	1.89	34.686	27.75	41.91	0.896	1482.3				
ISL	1750	1.68	34.688	27.77	40.41	0.998	1485.6				
ISL	2000	1.47	34.682	27.78	39.20	1.098	1488.9				
ISL	2250	1.25	34.673	27.79	37.92	1.194	1492.2				
ISL	2500	1.04	34.661	27.79	36.85	1.288	1495.6				
ISL	2750	0.83	34.647	27.79	35.62	1.378	1498.9				
ISL	3000	0.63	34.638	27.80	34.05	1.466	1502.4				
ISL	3250	0.47	34.634	27.81	32.44	1.549	1506.0				
ISL	3500	0.33	34.628	27.81	31.04	1.628	1509.8				
ISL	3750	0.22	34.621	27.81	29.97	1.704	1513.7				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1232	0		1	8	70	21.0	5757.6S	13225.8E	502	4629	-0.3		224	223	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2 \cdot$ ml/l	PHOS $10^2 \cdot$ µgat/l	NITR $10 \cdot$ µgat/l	SILIC µgat/l
OBS	1	1.10	33.882	27.16			1452.8	764			
OBS	52	1.06	33.887	27.17			1453.4				
OBS	103	1.05	33.888	27.17			1454.2	731			
OBS	154	1.01	34.105	27.35			1455.2	705			
OBS	205	1.53	34.284	27.46			1458.6	552			
OBS	306	2.09	34.471	27.56			1463.0				
OBS	407	2.17	34.554	27.62			1465.1	417			
OBS	507	2.12	34.606	27.67			1466.6	416			
OBS	607	2.19	34.654	27.70			1468.6	412			
OBS	807	2.17	34.710	27.75			1471.9	445			
OBS	1007	2.02	34.735	27.78			1474.7	446			
OBS	1207	1.90	34.753	27.80			1477.5				
OBS	1410	1.76	34.753	27.81			1480.3	453			
OBS	1699	1.47	34.768	27.85			1483.9	477			
OBS	1992	1.26	34.751	27.85			1487.9	477			
OBS	2282	1.02	34.745	27.86			1491.8				
OBS	2574	0.79	34.725	27.86			1495.8	496			
OBS	2871	0.60	34.715	27.86			1500.1				
OBS	3169	0.41	34.697	27.86			1504.4				
OBS	3470	0.28	34.689	27.86			1509.0				
OBS	3969	0.10	34.684	27.87			1517.0	518			
OBS	4369	-0.05	34.678	27.87			1523.5	538			
OBS	4569	-0.13	34.676	27.87			1526.7	557			
ISL	0	1.10	33.882	27.16	91.20	0.000	1452.7				
ISL	10	1.09	33.883	27.16	91.09	0.009	1452.9				
ISL	20	1.08	33.884	27.17	90.99	0.018	1453.0				
ISL	30	1.08	33.885	27.17	90.86	0.027	1453.1				
ISL	50	1.06	33.887	27.17	90.65	0.045	1453.4				
ISL	75	1.05	33.888	27.17	90.58	0.068	1453.8				
ISL	100	1.05	33.887	27.17	90.60	0.091	1454.2				
ISL	125	1.03	33.984	27.25	83.23	0.112	1454.6				
ISL	150	1.01	34.089	27.34	75.13	0.132	1455.1				
ISL	200	1.48	34.269	27.45	64.87	0.167	1458.3				
ISL	250	1.85	34.392	27.52	58.51	0.198	1460.9				
ISL	300	2.07	34.463	27.56	55.16	0.227	1462.8				
ISL	400	2.17	34.549	27.62	49.97	0.279	1465.0				
ISL	500	2.12	34.602	27.67	46.04	0.327	1466.5				
ISL	600	2.19	34.651	27.70	43.49	0.372	1468.5				
ISL	700	2.20	34.686	27.73	41.54	0.414	1470.3				
ISL	800	2.17	34.709	27.75	40.04	0.455	1471.8				
ISL	900	2.10	34.724	27.76	38.68	0.495	1473.2				
ISL	1000	2.02	34.734	27.78	37.65	0.533	1474.6				
ISL	1100	1.97	34.745	27.79	36.69	0.570	1476.0				
ISL	1200	1.90	34.753	27.80	35.95	0.606	1477.4				
ISL	1300	1.84	34.752	27.81	35.73	0.642	1478.8				
ISL	1400	1.77	34.753	27.81	35.31	0.678	1480.2				
ISL	1500	1.68	34.756	27.82	34.50	0.712	1481.4				
ISL	1750	1.43	34.766	27.85	31.95	0.796	1484.6				
ISL	2000	1.25	34.751	27.85	31.75	0.875	1488.0				
ISL	2250	1.05	34.746	27.86	30.24	0.953	1491.4				
ISL	2500	0.84	34.729	27.86	29.52	1.027	1494.8				
ISL	2750	0.68	34.720	27.86	28.49	1.100	1498.3				
ISL	3000	0.52	34.708	27.86	27.56	1.170	1501.9				
ISL	3250	0.37	34.694	27.86	26.76	1.238	1505.6				
ISL	3500	0.27	34.688	27.86	25.87	1.304	1509.5				
ISL	3750	0.18	34.686	27.86	24.78	1.367	1513.5				
ISL	4000	0.09	34.684	27.87	23.65	1.427	1517.5				
ISL	4500	-0.10	34.677	27.87	21.06	1.539	1525.6				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1233	0		5	8	70	8.5	6134.8S	12008.8E	539	4214	-1.0		356	334	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	-1.82	33.993	27.38			1439.4	812			
OBS	27	-1.80	33.991	27.38			1440.0	824			
OBS	52	-1.82	34.019	27.40			1440.3	840			
OBS	76	0.01	34.302	27.56			1449.6	627			
OBS	101	1.07	34.512	27.67			1455.1	493			
OBS	150	1.45	34.591	27.71			1457.7	449			
OBS	200	1.63	34.646	27.74			1459.4	479			
OBS	299	1.72	34.687	27.76			1461.5	483			
OBS	399	1.71	34.716	27.79			1463.2	475			
OBS	597	1.60	34.728	27.81			1466.0				
OBS	795	1.49	34.742	27.83			1468.8				
OBS	994	1.31	34.736	27.83			1471.3				
OBS	1310	1.02	34.737	27.85			1475.3	502			
OBS	1510	0.88	34.720	27.85			1478.0				
OBS	1706	0.74	34.709	27.85			1480.7	495			
OBS	1904	0.61	34.701	27.85			1483.5				
OBS	2102	0.48	34.702	27.86			1486.3	518			
OBS	2399	0.32	34.691	27.86			1490.6				
OBS	2698	0.17	34.681	27.86			1495.1	546			
OBS	2997	0.05	34.675	27.86			1499.7				
OBS	3497	-0.10	34.676	27.87			1507.8				
OBS	3997	-0.24	34.678	27.88			1516.0				
OBS	4177	-0.30	34.681	27.88			1518.9				
ISL	0	-1.82	33.993	27.38	70.42	0.000	1439.4				
ISL	10	-1.82	33.987	27.38	70.83	0.007	1439.6				
ISL	20	-1.80	33.987	27.38	70.77	0.014	1439.8				
ISL	30	-1.80	33.993	27.38	70.30	0.021	1440.0				
ISL	50	-1.83	34.008	27.39	68.91	0.035	1440.2				
ISL	75	-0.05	34.292	27.56	53.64	0.050	1449.3				
ISL	100	1.04	34.506	27.67	43.69	0.063	1455.0				
ISL	125	1.31	34.558	27.69	41.63	0.073	1456.7				
ISL	150	1.45	34.591	27.71	40.13	0.083	1457.7				
ISL	200	1.63	34.646	27.74	37.47	0.103	1459.4				
ISL	250	1.71	34.670	27.75	36.42	0.121	1460.6				
ISL	300	1.72	34.687	27.76	35.44	0.139	1461.5				
ISL	400	1.71	34.716	27.79	33.59	0.174	1463.2				
ISL	500	1.65	34.722	27.80	33.06	0.207	1464.6				
ISL	600	1.60	34.728	27.81	32.51	0.240	1466.0				
ISL	700	1.54	34.735	27.82	31.88	0.272	1467.4				
ISL	800	1.49	34.742	27.83	31.19	0.304	1468.9				
ISL	900	1.40	34.738	27.83	30.98	0.335	1470.1				
ISL	1000	1.30	34.736	27.83	30.65	0.366	1471.4				
ISL	1100	1.21	34.735	27.84	30.14	0.396	1472.6				
ISL	1200	1.12	34.736	27.85	29.48	0.426	1473.9				
ISL	1300	1.03	34.737	27.85	28.72	0.455	1475.2				
ISL	1400	0.96	34.729	27.85	28.86	0.484	1476.5				
ISL	1500	0.89	34.721	27.85	28.96	0.513	1477.9				
ISL	1750	0.71	34.707	27.85	28.60	0.585	1481.3				
ISL	2000	0.55	34.701	27.86	27.55	0.655	1484.8				
ISL	2250	0.40	34.696	27.86	26.45	0.722	1488.4				
ISL	2500	0.27	34.687	27.86	25.74	0.787	1492.1				
ISL	2750	0.15	34.680	27.86	24.91	0.851	1495.9				
ISL	3000	0.05	34.675	27.86	24.01	0.912	1499.8				
ISL	3250	-0.03	34.675	27.87	22.91	0.971	1503.8				
ISL	3500	-0.10	34.676	27.87	21.77	1.026	1507.8				
ISL	3750	-0.17	34.677	27.87	20.56	1.079	1511.9				
ISL	4000	-0.24	34.678	27.88	19.30	1.129	1516.0				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1234	0		7	8	70	9.4	5756.4S	12007.7E	503	4604	-1.5		166	143	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2 \cdot$ ml/l	PHOS $10^2 \cdot \mu$gat/l	NITR $10 \cdot \mu$gat/l	SILIC μgat/l
OBS	1	0.09	33.973	27.30			1448.3	803			
OBS	53	0.09	33.961	27.29			1449.1				
OBS	104	0.09	33.972	27.29			1450.0	805			
OBS	155	0.85	34.227	27.46			1454.6	651			
OBS	207	1.83	34.412	27.54			1460.1	477			
OBS	308	2.06	34.536	27.62			1463.0	448			
OBS	410	2.08	34.608	27.67			1464.8	409			
OBS	512	2.10	34.658	27.71			1466.7	433			
OBS	613	2.02	34.677	27.73			1468.0				
OBS	815	1.92	34.719	27.77			1471.0				
OBS	1017	1.82	34.728	27.79			1473.9				
OBS	1219	1.69	34.748	27.82			1476.8				
OBS	1388	1.50	34.760	27.84			1478.8	477			
OBS	1589	1.34	34.754	27.85			1481.5	482			
OBS	1791	1.15	34.742	27.85			1484.0				
OBS	1992	1.03	34.738	27.85			1486.9	500			
OBS	2497	0.64	34.715	27.86			1493.8				
OBS	3001	0.34	34.711	27.88			1501.2				
OBS	3505		34.691								
OBS	4008	-0.03	34.684	27.87			1517.1	544			
OBS	4206	-0.07	34.688	27.88			1520.5				
OBS	4405	-0.13	34.688	27.88			1523.8	568			
OBS	4603	-0.24	34.686	27.89			1526.8	577			
ISL	0	0.09	33.973	27.30	78.73	0.000	1448.3				
ISL	10	0.09	33.968	27.29	79.10	0.008	1448.4				
ISL	20	0.07	33.964	27.29	79.29	0.016	1448.5				
ISL	30	0.09	33.961	27.29	79.56	0.024	1448.8				
ISL	50	0.09	33.961	27.29	79.56	0.040	1449.1				
ISL	75	0.09	33.960	27.28	79.57	0.060	1449.5				
ISL	100	0.09	33.963	27.29	79.32	0.079	1449.9				
ISL	125	0.33	34.084	27.37	71.38	0.098	1451.6				
ISL	150	0.77	34.205	27.44	64.77	0.115	1454.1				
ISL	200	1.71	34.392	27.53	57.28	0.146	1459.4				
ISL	250	2.00	34.483	27.58	52.83	0.173	1461.7				
ISL	300	2.05	34.528	27.61	50.07	0.199	1462.8				
ISL	400	2.08	34.602	27.67	45.22	0.247	1464.6				
ISL	500	2.10	34.654	27.71	42.01	0.290	1466.5				
ISL	600	2.03	34.675	27.73	40.29	0.331	1467.8				
ISL	700	1.98	34.695	27.75	38.79	0.371	1469.3				
ISL	800	1.93	34.716	27.77	37.16	0.409	1470.8				
ISL	900	1.88	34.722	27.78	36.74	0.446	1472.2				
ISL	1000	1.83	34.727	27.79	36.26	0.482	1473.7				
ISL	1100	1.77	34.736	27.80	35.42	0.518	1475.1				
ISL	1200	1.71	34.746	27.81	34.39	0.553	1476.5				
ISL	1300	1.60	34.755	27.83	33.02	0.587	1477.7				
ISL	1400	1.49	34.760	27.84	31.85	0.619	1478.9				
ISL	1500	1.41	34.758	27.84	31.55	0.651	1480.3				
ISL	1750	1.19	34.744	27.85	30.89	0.729	1483.5				
ISL	2000	1.02	34.738	27.85	30.11	0.805	1487.0				
ISL	2250	0.83	34.727	27.86	29.13	0.879	1490.4				
ISL	2500	0.64	34.715	27.86	28.07	0.951	1493.8				
ISL	2750	0.48	34.713	27.87	26.50	1.019	1497.4				
ISL	3000	0.34	34.711	27.88	25.07	1.084	1501.1				
ISL	3250	0.22	34.701	27.87	24.31	1.145	1504.9				
ISL	3500	0.12	34.691	27.87	23.64	1.205	1508.9				
ISL	3750	0.04	34.685	27.87	22.90	1.263	1512.9				
ISL	4000	-0.03	34.684	27.87	21.93	1.319	1517.0				
ISL	4500	-0.18	34.687	27.88	19.16	1.422	1525.3				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1235	0		8	8	70	4.0	5603.2S	11956.5E	504	4494	-3.0		225	224	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	1.60	33.952	27.19			1455.1	766			
OBS	52	1.62	33.950	27.18			1456.0				
OBS	103	1.61	33.951	27.18			1456.8	747			
OBS	154	1.65	33.961	27.19			1457.8	760			
OBS	205	1.59	34.156	27.35			1458.7	630			
OBS	305	1.91	34.323	27.46			1462.0	520			
OBS	404	2.21	34.449	27.54			1465.1	436			
OBS	503	2.22	34.532	27.60			1466.9	424			
OBS	602	2.24	34.589	27.65			1468.7	423			
OBS	800	2.21	34.673	27.71			1472.0	417			
OBS	997	2.09	34.715	27.76			1474.8	447			
OBS	1195	2.00	34.740	27.79			1477.7	449			
OBS	1409	1.83	34.756	27.81			1480.6				
OBS	1613	1.70	34.756	27.82			1483.5				
OBS	1816	1.50	34.749	27.83			1486.0				
OBS	2018	1.32	34.741	27.84			1488.6	479			
OBS	2320	1.08	34.728	27.84			1492.7				
OBS	2621	0.84	34.716	27.85			1496.8				
OBS	3028	0.52	34.699	27.86			1502.4	492			
OBS	3526	0.26	34.686	27.86			1509.9				
OBS	3826	0.18	34.682	27.86			1514.9	526			
OBS	4126	0.09	34.680	27.86			1519.8				
OBS	4476	-0.08	34.676	27.87			1525.3	556			
ISL	0	1.60	33.952	27.19	89.12	0.000	1455.1				
ISL	10	1.60	33.951	27.18	89.24	0.009	1455.2				
ISL	20	1.61	33.951	27.18	89.34	0.018	1455.4				
ISL	30	1.61	33.950	27.18	89.40	0.027	1455.6				
ISL	50	1.62	33.950	27.18	89.54	0.045	1456.0				
ISL	75	1.62	33.950	27.18	89.62	0.067	1456.4				
ISL	100	1.61	33.951	27.18	89.54	0.089	1456.7				
ISL	125	1.62	33.953	27.18	89.49	0.112	1457.2				
ISL	150	1.65	33.955	27.18	89.62	0.134	1457.8				
ISL	200	1.59	34.139	27.34	75.47	0.176	1458.6				
ISL	250	1.73	34.244	27.41	68.77	0.212	1460.2				
ISL	300	1.89	34.316	27.45	64.81	0.245	1461.8				
ISL	400	2.20	34.445	27.53	58.09	0.306	1465.0				
ISL	500	2.22	34.530	27.60	52.36	0.362	1466.8				
ISL	600	2.24	34.588	27.64	48.69	0.412	1468.6				
ISL	700	2.24	34.636	27.68	45.59	0.459	1470.4				
ISL	800	2.21	34.673	27.71	43.06	0.504	1471.9				
ISL	900	2.15	34.699	27.74	40.97	0.546	1473.4				
ISL	1000	2.09	34.715	27.76	39.70	0.586	1474.8				
ISL	1100	2.04	34.730	27.77	38.58	0.625	1476.3				
ISL	1200	2.00	34.740	27.79	37.80	0.663	1477.8				
ISL	1300	1.91	34.750	27.80	36.68	0.701	1479.1				
ISL	1400	1.84	34.756	27.81	35.85	0.737	1480.5				
ISL	1500	1.77	34.758	27.82	35.36	0.772	1481.9				
ISL	1750	1.56	34.751	27.83	34.48	0.860	1485.2				
ISL	2000	1.34	34.742	27.84	33.33	0.944	1488.4				
ISL	2250	1.14	34.731	27.84	32.42	1.027	1491.8				
ISL	2500	0.94	34.721	27.85	31.24	1.106	1495.2				
ISL	2750	0.74	34.711	27.85	29.90	1.183	1498.6				
ISL	3000	0.54	34.700	27.85	28.38	1.256	1502.0				
ISL	3250	0.39	34.692	27.86	27.10	1.325	1505.7				
ISL	3500	0.27	34.686	27.86	26.02	1.391	1509.5				
ISL	3750	0.20	34.683	27.86	25.36	1.455	1513.6				
ISL	4000	0.13	34.681	27.86	24.47	1.518	1517.7				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1236	0		8	8	70	19.3	5504.1S	11947.6E	504	4549	0.5		315	303	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	2.19	33.934	27.13			1457.7	748			
OBS	52	2.15	33.929	27.13			1458.3				
OBS	102	2.15	33.927	27.12			1459.1	754			
OBS	153	1.73	34.057	27.26			1458.3	695			
OBS	203	1.44	34.310	27.48			1458.2	610			
OBS	301	1.87	34.308	27.45			1461.7	496			
OBS	400	2.12	34.423	27.52			1464.6	407			
OBS	498	2.22	34.515	27.59			1466.8				
OBS	596	2.24	34.574	27.63			1468.6	399			
OBS	789	2.23	34.663	27.71			1471.9				
OBS	983	2.13	34.714	27.75			1474.8	429			
OBS	1180	2.04	34.741	27.78			1477.7				
OBS	1511	1.80	34.762	27.82			1482.3	471			
OBS	1715	1.64	34.760	27.83			1485.1				
OBS	2018	1.34	34.748	27.84			1488.9	479			
OBS	2320	1.11	34.731	27.84			1493.0				
OBS	2623	0.86	34.723	27.85			1497.2	497			
OBS	2926	0.64	34.710	27.86			1501.4				
OBS	3229	0.44	34.700	27.86			1505.8	506			
OBS	3531	0.32	34.697	27.86			1510.6				
OBS	3830	0.23	34.687	27.86			1515.5	524			
OBS	4128	0.15	34.685	27.86			1520.4				
OBS	4526	0.00	34.684	27.87			1526.9	546			
ISL	0	2.19	33.934	27.13	94.70	0.000	1457.6				
ISL	10	2.18	33.933	27.13	94.81	0.009	1457.8				
ISL	20	2.18	33.931	27.13	94.89	0.019	1457.9				
ISL	30	2.17	33.930	27.13	94.93	0.028	1458.0				
ISL	50	2.15	33.929	27.13	94.99	0.047	1458.3				
ISL	75	2.15	33.927	27.12	95.20	0.071	1458.7				
ISL	100	2.15	33.925	27.12	95.47	0.095	1459.1				
ISL	125	1.95	33.969	27.17	90.68	0.118	1458.7				
ISL	150	1.75	34.046	27.25	83.53	0.140	1458.3				
ISL	200	1.45	34.298	27.47	62.38	0.177	1458.2				
ISL	250	1.66	34.301	27.46	63.91	0.208	1459.9				
ISL	300	1.87	34.307	27.45	65.22	0.240	1461.7				
ISL	400	2.12	34.423	27.52	59.02	0.303	1464.6				
ISL	500	2.22	34.517	27.59	53.37	0.359	1466.8				
ISL	600	2.24	34.576	27.63	49.58	0.410	1468.7				
ISL	700	2.24	34.627	27.67	46.36	0.458	1470.4				
ISL	800	2.23	34.667	27.71	43.67	0.503	1472.1				
ISL	900	2.17	34.696	27.74	41.46	0.546	1473.6				
ISL	1000	2.12	34.717	27.76	39.89	0.586	1475.0				
ISL	1100	2.08	34.733	27.77	38.75	0.626	1476.5				
ISL	1200	2.03	34.743	27.79	37.94	0.664	1478.0				
ISL	1300	1.96	34.752	27.80	37.00	0.702	1479.4				
ISL	1400	1.88	34.758	27.81	36.14	0.738	1480.8				
ISL	1500	1.81	34.762	27.82	35.49	0.774	1482.2				
ISL	1750	1.61	34.759	27.83	34.42	0.861	1485.5				
ISL	2000	1.36	34.749	27.84	33.04	0.946	1488.7				
ISL	2250	1.16	34.735	27.84	32.51	1.028	1492.1				
ISL	2500	0.96	34.727	27.85	31.11	1.107	1495.5				
ISL	2750	0.76	34.717	27.85	29.77	1.183	1498.9				
ISL	3000	0.59	34.707	27.86	28.53	1.256	1502.5				
ISL	3250	0.43	34.700	27.86	27.16	1.326	1506.1				
ISL	3500	0.33	34.698	27.86	26.06	1.392	1510.1				
ISL	3750	0.25	34.689	27.86	25.63	1.457	1514.2				
ISL	4000	0.18	34.686	27.86	24.90	1.520	1518.3				
ISL	4500	0.01	34.684	27.87	22.30	1.638	1526.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1237	0		9	8	70	12.0	5401.0S	11947.5E	504	4259	1.0		286	284	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	2.57	33.938	27.10			1459.3	671Q			
OBS	48	2.56	33.938	27.10			1460.1	644Q			
OBS	96	2.55	33.937	27.10			1460.8	718			
OBS	145	2.56	33.939	27.10			1461.6	682			
OBS	194	2.52	34.096	27.23			1462.5	648			
OBS	289	1.85	34.162	27.33			1461.2	477			
OBS	385	1.96	34.282	27.42			1463.4	463			
OBS	481	2.22	34.413	27.51			1466.3	395			
OBS	576	2.30	34.507	27.57			1468.4	384			
OBS	767	2.33	34.617	27.66			1471.8				
OBS	960	2.25	34.688	27.72			1474.8	388			
OBS	1153	2.16	34.725	27.76			1477.7				
OBS	1491	1.92						453			
OBS	1687	1.78	34.770	27.83			1485.1				
OBS	1883	1.59	34.757	27.83			1487.5	466			
OBS	2079	1.42	34.751	27.84			1490.1				
OBS	2373	1.17	34.737	27.84			1494.0	480			
OBS	2668	0.91	34.728	27.85			1497.9				
OBS	2964	0.65	34.713	27.86			1501.9	491			
OBS	3261	0.42	34.697	27.86			1506.0				
OBS	3560	0.33	34.694	27.86			1510.8	511			
OBS	3860	0.27	34.696	27.87			1515.9	511			
OBS	4010	0.23	34.692	27.87			1518.3	517			
ISL	0	2.57	33.938	27.10	97.35	0.000	1459.3				
ISL	10	2.57	33.938	27.10	97.39	0.010	1459.5				
ISL	20	2.57	33.938	27.10	97.42	0.019	1459.6				
ISL	30	2.56	33.938	27.10	97.44	0.029	1459.8				
ISL	50	2.56	33.938	27.10	97.53	0.049	1460.1				
ISL	75	2.55	33.938	27.10	97.63	0.073	1460.5				
ISL	100	2.55	33.937	27.10	97.78	0.098	1460.9				
ISL	125	2.55	33.937	27.10	97.89	0.122	1461.3				
ISL	150	2.56	33.948	27.11	97.24	0.146	1461.7				
ISL	200	2.50	34.105	27.24	85.18	0.192	1462.5				
ISL	250	2.12	34.131	27.29	80.31	0.233	1461.7				
ISL	300	1.83	34.173	27.35	74.99	0.272	1461.3				
ISL	400	1.99	34.302	27.44	67.04	0.343	1463.8				
ISL	500	2.25	34.434	27.52	59.76	0.407	1466.8				
ISL	600	2.31	34.527	27.59	53.95	0.463	1468.9				
ISL	700	2.34	34.587	27.64	50.22	0.516	1470.7				
ISL	800	2.32	34.632	27.67	47.22	0.564	1472.4				
ISL	900	2.28	34.670	27.71	44.44	0.610	1473.9				
ISL	1000	2.23	34.698	27.73	42.45	0.654	1475.4				
ISL	1100	2.19	34.718	27.75	40.96	0.695	1476.9				
ISL	1200	2.13	34.733	27.77	39.74	0.736	1478.3				
ISL	1300	2.06	34.747	27.79	38.42	0.775	1479.7				
ISL	1400	1.98	34.760	27.80	37.15	0.812	1481.1				
ISL	1500	1.91	34.767	27.81	36.29	0.849	1482.5				
ISL	1750	1.72	34.765	27.83	35.21	0.939	1485.9				
ISL	2000	1.49	34.754	27.84	34.24	1.025	1489.1				
ISL	2250	1.27	34.743	27.84	33.21	1.110	1492.4				
ISL	2500	1.06	34.733	27.85	31.85	1.191	1495.7				
ISL	2750	0.84	34.724	27.86	30.18	1.269	1499.0				
ISL	3000	0.62	34.711	27.86	28.66	1.342	1502.4				
ISL	3250	0.43	34.697	27.86	27.26	1.412	1505.8				
ISL	3500	0.34	34.694	27.86	26.50	1.479	1509.8				
ISL	3750	0.29	34.695	27.86	25.78	1.545	1514.0				
ISL	4000	0.23	34.692	27.87	25.15	1.608	1518.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1238	0		9	8	70	23.8	5302.6S	11943.0E	504	3552	1.9		287	324	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	4	2.52	33.949	27.11			1459.2				
OBS	49	2.51	33.947	27.11			1459.9				
OBS	103	2.52	33.953	27.11			1460.8				
OBS	158	2.78	34.100	27.21			1463.0				
OBS	208	2.30	34.122	27.27			1461.8	621			
OBS	306	2.39	34.224	27.34			1464.0	449			
OBS	405	2.19	34.309	27.43			1464.8	414			
OBS	505	2.28	34.415	27.50			1467.0	339			
OBS	604	2.36	34.487	27.55			1469.1	332			
OBS	802	2.41	34.601	27.64			1472.8				
OBS	1001	2.29	34.665	27.70			1475.7	308			
OBS	1200	2.22	34.715	27.75			1478.8	312			
OBS	1387	2.06	34.745	27.78			1481.3	445			
OBS	1584	1.92	34.754	27.80			1484.0				
OBS	1791	1.77	34.755	27.82			1486.9	451			
OBS	1978	1.57	34.750	27.83			1489.2				
OBS	2175	1.40	34.743	27.83			1491.8	476			
OBS	2372	1.23	34.730	27.83			1494.5				
OBS	2567	1.07	34.724	27.84			1497.1	484			
OBS	2866	0.75	34.707	27.85			1500.9				
OBS	3067	0.62	34.700	27.85			1503.8				
OBS	3266	0.53	34.695	27.85			1506.9				
OBS	3466	0.44	34.692	27.85			1510.0	505			
ISL	0	2.52	33.949	27.11	96.13	0.000	1459.1				
ISL	10	2.52	33.948	27.11	96.23	0.010	1459.3				
ISL	20	2.51	33.947	27.11	96.33	0.019	1459.4				
ISL	30	2.51	33.946	27.11	96.40	0.029	1459.6				
ISL	50	2.51	33.947	27.11	96.43	0.048	1459.9				
ISL	75	2.51	33.948	27.11	96.49	0.072	1460.3				
ISL	100	2.51	33.949	27.11	96.55	0.096	1460.7				
ISL	125	2.60	34.008	27.15	93.00	0.120	1461.6				
ISL	150	2.76	34.086	27.20	88.60	0.143	1462.8				
ISL	200	2.36	34.118	27.26	83.08	0.186	1461.9				
ISL	250	2.36	34.167	27.30	79.60	0.226	1462.8				
ISL	300	2.39	34.218	27.34	76.27	0.265	1463.9				
ISL	400	2.19	34.304	27.42	68.58	0.338	1464.8				
ISL	500	2.28	34.410	27.50	61.81	0.403	1466.9				
ISL	600	2.36	34.484	27.55	57.52	0.463	1469.1				
ISL	700	2.40	34.548	27.60	53.74	0.518	1471.0				
ISL	800	2.41	34.600	27.64	50.45	0.570	1472.8				
ISL	900	2.35	34.637	27.67	47.62	0.619	1474.2				
ISL	1000	2.29	34.665	27.70	45.50	0.666	1475.7				
ISL	1100	2.25	34.692	27.73	43.57	0.710	1477.2				
ISL	1200	2.22	34.715	27.75	42.03	0.753	1478.8				
ISL	1300	2.13	34.733	27.77	40.21	0.794	1480.1				
ISL	1400	2.05	34.746	27.79	38.86	0.834	1481.5				
ISL	1500	1.98	34.752	27.80	38.08	0.872	1482.9				
ISL	1750	1.80	34.755	27.81	36.86	0.966	1486.3				
ISL	2000	1.55	34.749	27.83	35.30	1.056	1489.5				
ISL	2250	1.34	34.738	27.83	34.25	1.143	1492.8				
ISL	2500	1.12	34.726	27.84	33.16	1.227	1496.2				
ISL	2750	0.88	34.713	27.84	31.46	1.308	1499.4				
ISL	3000	0.66	34.702	27.85	29.78	1.385	1502.8				
ISL	3250	0.54	34.695	27.85	28.91	1.458	1506.6				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1239	0		10	8	70	16.0	5159.4S	11930.3E	504	3669	0.6		267	264	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	3.19	33.915	27.03			1462.0				
OBS	52	3.18	33.913	27.02			1462.8				
OBS	103	3.18	33.910	27.02			1463.6	725			
OBS	154	3.11	33.948	27.06			1464.2	732			
OBS	205	2.52	34.126	27.25			1462.7	604			
OBS	305	2.07	34.199	27.35			1462.5	587			
OBS	406	2.16	34.307	27.43			1464.7	516			
OBS	506	2.24	34.414	27.51			1466.9				
OBS	606	2.31	34.424	27.51			1468.9	447			
OBS	803	2.34	34.565	27.62			1472.5				
OBS	996	2.24	34.668	27.71			1475.4	434			
OBS	1190	2.17	34.711	27.75			1478.4				
OBS	1269	2.13	34.725	27.76			1479.6	447			
OBS	1458	2.02	34.747	27.79			1482.3	466			
OBS	1657	1.84	34.750	27.81			1484.9				
OBS	1855	1.67	34.748	27.82			1487.5	482			
OBS	2054	1.49	34.742	27.83			1490.1				
OBS	2253	1.33	34.733	27.83			1492.8	487			
OBS	2552	1.08									
OBS	2850	0.79	34.705	27.84			1500.7	493			
OBS	3099	0.63	34.698	27.85			1504.4				
OBS	3357	0.49	34.691	27.85			1508.2	518			
OBS	3555	0.40	34.692	27.86			1511.3	523			
ISL	0	3.19	33.915	27.03	104.28	0.000	1462.0				
ISL	10	3.19	33.915	27.03	104.37	0.010	1462.1				
ISL	20	3.19	33.914	27.03	104.44	0.021	1462.3				
ISL	30	3.18	33.914	27.02	104.51	0.031	1462.4				
ISL	50	3.18	33.913	27.02	104.64	0.052	1462.7				
ISL	75	3.18	33.912	27.02	104.93	0.078	1463.1				
ISL	100	3.18	33.910	27.02	105.23	0.105	1463.6				
ISL	125	3.17	33.916	27.03	104.80	0.131	1463.9				
ISL	150	3.13	33.941	27.05	102.78	0.157	1464.2				
ISL	200	2.57	34.111	27.24	85.32	0.204	1462.8				
ISL	250	2.22	34.158	27.30	79.10	0.245	1462.2				
ISL	300	2.08	34.195	27.34	75.41	0.284	1462.5				
ISL	400	2.15	34.301	27.42	68.52	0.356	1464.6				
ISL	500	2.24	34.408	27.50	61.66	0.421	1466.8				
ISL	600	2.31	34.423	27.51	61.67	0.482	1468.7				
ISL	700	2.34	34.495	27.56	57.13	0.542	1470.7				
ISL	800	2.34	34.563	27.62	52.51	0.597	1472.4				
ISL	900	2.29	34.623	27.67	48.05	0.647	1473.9				
ISL	1000	2.24	34.669	27.71	44.61	0.693	1475.5				
ISL	1100	2.20	34.693	27.73	42.99	0.737	1477.0				
ISL	1200	2.17	34.713	27.75	41.60	0.779	1478.6				
ISL	1300	2.11	34.730	27.77	40.28	0.820	1480.0				
ISL	1400	2.06	34.742	27.78	39.26	0.860	1481.5				
ISL	1500	1.98	34.749	27.79	38.33	0.899	1482.9				
ISL	1750	1.76	34.750	27.81	36.81	0.993	1486.1				
ISL	2000	1.54	34.744	27.82	35.54	1.083	1489.4				
ISL	2250	1.33	34.733	27.83	34.58	1.171	1492.8				
ISL	2500	1.13	34.623	27.76	40.66	1.265	1496.0				
ISL	2750	0.89	34.686	27.82	33.59	1.358	1499.4				
ISL	3000	0.69	34.701	27.85	30.28	1.438	1502.9				
ISL	3250	0.54	34.694	27.85	29.12	1.512	1506.6				
ISL	3500	0.42	34.691	27.85	27.79	1.583	1510.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1240	0		11	8	70	8.8	5001.7S	11939.6E	504	3630	5.3		278	264	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	4.87	33.942	26.87			1469.1	726			
OBS	24	4.86	33.939	26.87			1469.4				
OBS	49	4.86	33.939	26.87			1469.8	737			
OBS	73	4.86	33.939	26.87			1470.2				
OBS	97	4.83	33.938	26.88			1470.5	702			
OBS	121		33.939								
OBS	145	4.83	33.945	26.88			1471.3	713			
OBS	169	4.85	33.945	26.88			1471.8				
OBS	193	4.96	33.965	26.88			1472.6	699			
OBS	241	5.30	34.085	26.94			1475.0				
OBS	290	5.85	34.212	26.97			1478.2	617			
OBS	338	5.71	34.292	27.05			1478.5				
OBS	410	5.19	34.289	27.11			1477.6	513			
OBS	503	4.54	34.300	27.19			1476.5				
OBS	595	3.94	34.298	27.26			1475.5	543			
OBS	687	3.35	34.305	27.32			1474.5	523			
OBS	1092	2.70	34.528	27.56			1478.8	424			
OBS	1370	2.53	34.633	27.66			1482.9	381			
OBS	1742	2.32	34.564	27.62			1488.1	412			
OBS	1927	2.19	34.747	27.78			1491.0				
OBS	2391	1.79	34.760	27.82			1497.2	473			
OBS	2857	1.32	34.743	27.84			1503.1	488			
OBS	3324	1.05	34.726	27.84			1510.1	499			
ISL	0	4.87	33.942	26.87	118.59	0.000	1469.1				
ISL	10	4.87	33.941	26.87	118.73	0.012	1469.2				
ISL	20	4.86	33.939	26.87	118.89	0.024	1469.4				
ISL	30	4.86	33.939	26.87	119.02	0.036	1469.5				
ISL	50	4.86	33.939	26.87	119.22	0.059	1469.8				
ISL	75	4.86	33.939	26.87	119.46	0.089	1470.2				
ISL	100	4.83	33.938	26.88	119.47	0.119	1470.5				
ISL	125	4.82	33.940	26.88	119.52	0.149	1470.9				
ISL	150	4.83	33.945	26.88	119.47	0.179	1471.4				
ISL	200	5.00	33.980	26.89	119.26	0.239	1472.9				
ISL	250	5.39	34.108	26.95	114.77	0.297	1475.5				
ISL	300	5.87	34.234	26.99	111.84	0.354	1478.5				
ISL	400	5.26	34.289	27.10	101.54	0.460	1477.7				
ISL	500	4.56	34.300	27.19	93.53	0.558	1476.5				
ISL	600	3.91	34.298	27.26	87.20	0.648	1475.4				
ISL	700	3.29	34.309	27.33	80.51	0.732	1474.5				
ISL	800	3.00	34.368	27.40	73.67	0.809	1475.0				
ISL	900	2.90	34.432	27.46	68.50	0.880	1476.3				
ISL	1000	2.80	34.484	27.51	64.21	0.947	1477.6				
ISL	1100	2.69	34.532	27.56	60.14	1.009	1478.9				
ISL	1200	2.63	34.580	27.60	56.49	1.067	1480.4				
ISL	1300	2.57	34.617	27.64	53.66	1.122	1481.8				
ISL	1400	2.51	34.635	27.66	52.14	1.175	1483.3				
ISL	1500	2.45	34.634	27.66	52.11	1.227	1484.7				
ISL	1750	2.31	34.570	27.62	56.45	1.363	1488.3				
ISL	2000	2.13	34.764	27.79	41.23	1.485	1492.0				
ISL	2250	1.92	34.761	27.81	39.90	1.587	1495.3				
ISL	2500	1.69	34.756	27.82	38.12	1.684	1498.6				
ISL	2750	1.43	34.747	27.83	36.17	1.777	1501.8				
ISL	3000	1.22	34.738	27.84	34.74	1.866	1505.2				
ISL	3250	1.08	34.729	27.84	33.99	1.951	1508.9				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1241	0		12	8	70	14.9	4801.3S	12003.8E	467	3900	4.1		256	223	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	6.49	34.108	26.81			1475.9	665			
OBS	53	6.52	34.109	26.80			1476.9	694			
OBS	103	6.50	34.109	26.81			1477.6				
OBS	153	6.50	34.105	26.80			1478.4	695			
OBS	204	6.90	34.193	26.82			1481.0	642			
OBS	254		34.372					591			
OBS	304	7.07	34.375	26.94			1483.5	577			
OBS	403	5.99	34.333	27.05			1480.8	559			
OBS	502	5.15	34.328	27.15			1479.0	539			
OBS	602	4.51	34.322	27.22			1478.0	523			
OBS	800	3.37	34.344	27.35			1476.5	492			
OBS	997	2.96	34.420	27.45			1478.2	436			
OBS	1077	2.84	34.461	27.49			1479.1	444			
OBS	1272	2.64	34.555	27.58			1481.6	409			
OBS	1468	2.52	34.632	27.66			1484.5	409			
OBS	1665	2.40	34.689	27.71			1487.4				
OBS	1960	2.25	34.706	27.74			1491.8	443			
OBS	2253	2.03	34.756	27.80			1495.9	459			
OBS	2547	1.73	34.708Q	27.78Q			1499.6Q	464			
OBS	2843	1.40	34.741	27.83			1503.3				
OBS	3139	1.14	34.729	27.84			1507.3	478			
OBS	3435	1.00	34.715	27.84			1511.9	481			
OBS	3682	0.93	34.713	27.84			1515.9	491			
ISL	0	6.49	34.108	26.81	124.97	0.000	1475.9				
ISL	10	6.50	34.108	26.81	125.21	0.013	1476.1				
ISL	20	6.51	34.109	26.81	125.41	0.025	1476.3				
ISL	30	6.51	34.109	26.80	125.61	0.038	1476.4				
ISL	50	6.52	34.109	26.80	125.99	0.063	1476.8				
ISL	75	6.51	34.109	26.81	126.19	0.094	1477.2				
ISL	100	6.50	34.109	26.81	126.46	0.126	1477.5				
ISL	125	6.50	34.107	26.81	126.84	0.158	1477.9				
ISL	150	6.49	34.105	26.80	127.32	0.189	1478.3				
ISL	200	6.87	34.183	26.81	127.29	0.253	1480.8				
ISL	250	7.13	34.363	26.92	118.06	0.314	1482.8				
ISL	300	7.09	34.376	26.94	117.35	0.373	1483.5				
ISL	400	6.02	34.334	27.05	107.68	0.486	1480.9				
ISL	500	5.16	34.328	27.15	98.60	0.589	1479.0				
ISL	600	4.52	34.322	27.21	92.43	0.684	1478.0				
ISL	700	3.91	34.327	27.28	85.97	0.774	1477.1				
ISL	800	3.37	34.344	27.35	79.48	0.856	1476.5				
ISL	900	3.13	34.376	27.40	75.15	0.934	1477.2				
ISL	1000	2.96	34.421	27.45	70.55	1.006	1478.2				
ISL	1100	2.81	34.473	27.50	65.80	1.075	1479.3				
ISL	1200	2.70	34.522	27.55	61.50	1.138	1480.6				
ISL	1300	2.62	34.567	27.60	57.86	1.198	1482.0				
ISL	1400	2.56	34.607	27.63	54.79	1.254	1483.5				
ISL	1500	2.50	34.643	27.67	51.99	1.308	1485.0				
ISL	1750	2.35	34.695	27.72	47.77	1.432	1488.6				
ISL	2000	2.22	34.711	27.74	46.23	1.550	1492.4				
ISL	2250	2.03	34.756	27.80	41.66	1.660	1495.9				
ISL	2500	1.78	34.753	27.81	39.60	1.761	1499.1				
ISL	2750	1.50	34.744	27.83	37.41	1.858	1502.2				
ISL	3000	1.25	34.735	27.84	35.30	1.948	1505.4				
ISL	3250	1.08	34.724	27.84	34.21	2.035	1509.0				
ISL	3500	0.98	34.714	27.84	34.01	2.121	1512.9				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 44	1242	0		13	8	70	9.1	4603.7S	11953.4E	468	4244	6.6		15	263	23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	8.79	34.505	26.78			1485.3	668			
OBS	52	8.78	34.502	26.78			1486.1				
OBS	102	8.81	34.510	26.79			1487.0	660			
OBS	153	8.84	34.520	26.79			1488.0				
OBS	202	8.89	34.528	26.79			1489.0	645			
OBS	300	9.44	34.696	26.83			1492.9				
OBS	397	9.26	34.697	26.86			1493.8	576			
OBS	492	8.84	34.666	26.90			1493.8				
OBS	589	7.91	34.552	26.96			1491.7	536			
OBS	784	5.63	34.384	27.13			1485.7	492			
OBS	983	3.90	34.319	27.28			1481.8	514			
OBS	1184	3.21	34.393	27.40			1482.4	466			
OBS	1307	2.99	34.446	27.47			1483.6	438			
OBS	1504	2.72	34.531	27.56			1485.8				
OBS	1700	2.56	34.620	27.64			1488.6	407			
OBS	1895	2.48	34.672	27.69			1491.6	417			
OBS	2188	2.31	34.728	27.75			1496.0	446			
OBS	2481	2.08	34.754	27.79			1500.1	464			
OBS	2773	1.80	34.756	27.81			1503.9				
OBS	3068		34.743					472			
OBS	3461	1.19	34.727	27.83			1513.2	491			
OBS	3857	1.00	34.716	27.84			1519.4	489			
OBS	4183	0.95	34.713	27.84			1524.9	492			
ISL	0	8.79	34.505	26.78	127.12	0.000	1485.3				
ISL	10	8.79	34.504	26.78	127.33	0.013	1485.4				
ISL	20	8.78	34.503	26.78	127.55	0.025	1485.6				
ISL	30	8.78	34.502	26.78	127.74	0.038	1485.7				
ISL	50	8.78	34.502	26.78	128.14	0.064	1486.1				
ISL	75	8.79	34.505	26.78	128.59	0.096	1486.5				
ISL	100	8.81	34.510	26.79	128.96	0.128	1487.0				
ISL	125	8.82	34.514	26.79	129.31	0.160	1487.5				
ISL	150	8.84	34.519	26.79	129.66	0.193	1487.9				
ISL	200	8.89	34.528	26.79	130.76	0.258	1489.0				
ISL	250	9.13	34.608	26.81	129.56	0.323	1490.8				
ISL	300	9.44	34.696	26.83	129.07	0.388	1492.9				
ISL	400	9.25	34.697	26.86	127.97	0.516	1493.8				
ISL	500	8.78	34.659	26.91	125.10	0.643	1493.7				
ISL	600	7.79	34.540	26.96	120.28	0.765	1491.4				
ISL	700	6.62	34.445	27.06	111.66	0.881	1488.4				
ISL	800	5.47	34.374	27.15	102.46	0.988	1485.3				
ISL	900	4.51	34.331	27.22	94.59	1.087	1483.0				
ISL	1000	3.81	34.320	27.29	87.73	1.178	1481.7				
ISL	1100	3.42	34.359	27.36	81.04	1.262	1481.8				
ISL	1200	3.17	34.400	27.41	75.91	1.341	1482.5				
ISL	1300	3.00	34.443	27.46	71.37	1.415	1483.5				
ISL	1400	2.85	34.486	27.51	67.02	1.484	1484.6				
ISL	1500	2.72	34.529	27.56	62.99	1.549	1485.8				
ISL	1750	2.54	34.636	27.66	54.30	1.695	1489.4				
ISL	2000	2.43	34.695	27.71	49.89	1.826	1493.2				
ISL	2250	2.27	34.736	27.76	46.11	1.946	1496.9				
ISL	2500	2.06	34.755	27.79	43.18	2.057	1500.3				
ISL	2750	1.82	34.756	27.81	40.79	2.162	1503.6				
ISL	3000	1.59	34.746	27.82	39.20	2.262	1506.9				
ISL	3250	1.36	34.735	27.83	37.37	2.358	1510.3				
ISL	3500	1.17	34.726	27.84	35.88	2.449	1513.8				
ISL	3750	1.04	34.718	27.84	35.01	2.538	1517.6				
ISL	4000	0.97	34.714	27.84	34.64	2.625	1521.8				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1243	0		15	9	70	1.2	2959.0S	9958.1E	398	3493	13.2		263	212	20

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	16.50	35.818	26.28			1513.1				
OBS	51	16.40	35.803	26.29			1513.6				
OBS	100	16.27	35.780	26.30			1513.9				
OBS	199	15.06	35.562	26.41			1511.5				
OBS	298	13.13	35.320	26.63			1506.6				
OBS	397	11.49	35.084	26.77			1502.3				
OBS	496	10.58	34.956	26.84			1500.6				
OBS	595	9.87	34.830	26.86			1499.5				
OBS	795	8.40	34.620	26.94			1497.1				
OBS	895	7.13	34.512	27.04			1493.7				
OBS	1097	4.50	34.429	27.30			1486.4				
OBS	1309	3.85	34.580	27.49			1487.4				
OBS	1515	3.34	34.614	27.57			1488.8				
OBS	1717	2.94	34.659	27.64			1490.6				
OBS	2026	2.51	34.714	27.72			1494.1				
OBS	2320	2.20	34.735	27.77			1497.8				
OBS	2615	1.94	34.740	27.79			1501.7				
OBS	3010	1.64	34.745	27.82			1507.3				
OBS	3295	1.45	34.738	27.83			1511.4				
OBS	3495	1.36	34.738	27.83			1514.6				
ISL	0	16.50	35.818	26.28	175.26	0.000	1513.0				
ISL	10	16.49	35.816	26.28	175.40	0.018	1513.2				
ISL	20	16.47	35.814	26.28	175.54	0.035	1513.3				
ISL	30	16.45	35.811	26.28	175.62	0.053	1513.4				
ISL	50	16.40	35.803	26.29	175.77	0.088	1513.5				
ISL	75	16.34	35.794	26.30	175.98	0.132	1513.8				
ISL	100	16.27	35.780	26.30	176.14	0.176	1513.9				
ISL	125	16.07	35.736	26.31	175.74	0.220	1513.7				
ISL	150	15.80	35.677	26.33	174.84	0.264	1513.2				
ISL	200	15.04	35.560	26.41	168.63	0.349	1511.5				
ISL	250	14.03	35.437	26.54	157.90	0.431	1508.9				
ISL	300	13.09	35.315	26.64	149.36	0.508	1506.5				
ISL	400	11.45	35.079	26.77	137.97	0.652	1502.2				
ISL	500	10.55	34.951	26.84	133.41	0.787	1500.5				
ISL	600	9.83	34.824	26.86	132.38	0.920	1499.4				
ISL	700	9.11	34.721	26.90	129.72	1.051	1498.3				
ISL	800	8.34	34.615	26.94	126.81	1.179	1496.9				
ISL	900	7.07	34.508	27.04	116.49	1.301	1493.5				
ISL	1000	5.77	34.443	27.16	103.88	1.411	1490.0				
ISL	1100	4.48	34.429	27.30	88.79	1.508	1486.3				
ISL	1200	4.15	34.514	27.41	79.35	1.592	1486.8				
ISL	1300	3.87	34.576	27.48	72.17	1.667	1487.4				
ISL	1400	3.61	34.595	27.53	68.28	1.738	1488.0				
ISL	1500	3.37	34.611	27.56	64.86	1.804	1488.7				
ISL	1750	2.88	34.666	27.65	56.41	1.956	1490.9				
ISL	2000	2.54	34.710	27.72	50.26	2.089	1493.7				
ISL	2250	2.27	34.732	27.76	46.40	2.210	1496.9				
ISL	2500	2.04	34.738	27.78	44.02	2.323	1500.2				
ISL	2750	1.83	34.742	27.80	41.96	2.431	1503.6				
ISL	3000	1.65	34.745	27.82	40.05	2.533	1507.2				
ISL	3250	1.48	34.739	27.82	38.84	2.632	1510.8				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1244	0		21	9	70	3.3	3858.0S	10340.7E	433	4380	11.2		365	363	21

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	10.95	34.928	26.75			1493.7	632			
OBS	51	10.75	34.901	26.76			1493.8	626			
OBS	101	10.74	34.902	26.77			1494.6	618			
OBS	200	10.59	34.872	26.77			1495.6	620			
OBS	299	10.40	34.856	26.79			1496.6	603			
OBS	398	10.05	34.836	26.83			1496.9	579			
OBS	497	9.81	34.812	26.86			1497.6	579			
OBS	696	8.88	34.681	26.91			1497.3	560			
OBS	830	7.73	34.553	26.98			1495.0	497			
OBS	1027	5.19	34.392	27.19			1488.0	473			
OBS	1327	3.48	34.438	27.41			1486.0	420			
OBS	1624	2.89	34.572	27.58			1488.7	386			
OBS	2021	2.50	34.689	27.70			1493.9	407			
OBS	2518	2.16	34.752	27.78			1501.0	430			
OBS	3017	1.67	34.755	27.82			1507.6	458			
OBS	3415	1.30	34.740	27.84			1512.9	471			
OBS	3810	1.02	34.726	27.85			1518.6	474			
OBS	4105	0.95	34.725	27.85			1523.5	486			
OBS	4350	0.96	34.721	27.85			1527.9				
OBS	4425	0.93	34.718	27.84			1529.1	477			
OBS	4485	0.94	34.721	27.85			1530.3	480			
ISL	0	10.95	34.928	26.75	130.63	0.000	1493.7				
ISL	10	10.91	34.922	26.75	130.55	0.013	1493.7				
ISL	20	10.86	34.916	26.75	130.46	0.026	1493.7				
ISL	30	10.82	34.911	26.76	130.39	0.039	1493.7				
ISL	50	10.75	34.901	26.76	130.37	0.065	1493.8				
ISL	75	10.75	34.903	26.76	130.77	0.098	1494.2				
ISL	100	10.74	34.902	26.77	131.27	0.131	1494.6				
ISL	125	10.72	34.895	26.76	131.95	0.164	1494.9				
ISL	150	10.68	34.886	26.76	132.57	0.197	1495.1				
ISL	200	10.59	34.872	26.77	133.18	0.263	1495.6				
ISL	250	10.51	34.864	26.78	133.43	0.330	1496.1				
ISL	300	10.40	34.856	26.79	133.30	0.396	1496.6				
ISL	400	10.04	34.836	26.84	130.93	0.528	1496.9				
ISL	500	9.80	34.811	26.86	130.75	0.659	1497.6				
ISL	600	9.43	34.757	26.88	130.57	0.790	1497.9				
ISL	700	8.85	34.678	26.91	128.66	0.920	1497.3				
ISL	800	8.03	34.581	26.96	124.28	1.046	1495.7				
ISL	900	6.92	34.491	27.05	115.56	1.166	1492.9				
ISL	1000	5.47	34.407	27.17	102.48	1.275	1488.7				
ISL	1100	4.57	34.373	27.25	94.14	1.373	1486.6				
ISL	1200	3.92	34.396	27.34	85.09	1.463	1485.6				
ISL	1300	3.58	34.430	27.40	79.27	1.545	1485.9				
ISL	1400	3.25	34.468	27.46	73.10	1.621	1486.2				
ISL	1500	3.06	34.520	27.52	67.71	1.692	1487.2				
ISL	1750	2.72	34.616	27.63	57.98	1.849	1490.1				
ISL	2000	2.52	34.685	27.70	51.84	1.986	1493.6				
ISL	2250	2.34	34.728	27.75	47.64	2.110	1497.2				
ISL	2500	2.17	34.751	27.78	44.98	2.226	1500.8				
ISL	2750	1.93	34.760	27.81	41.99	2.335	1504.1				
ISL	3000	1.69	34.755	27.82	39.86	2.437	1507.3				
ISL	3250	1.45	34.746	27.83	37.86	2.534	1510.6				
ISL	3500	1.23	34.737	27.84	36.03	2.627	1514.1				
ISL	3750	1.05	34.728	27.84	34.55	2.715	1517.7				
ISL	4000	0.96	34.726	27.85	33.77	2.800	1521.7				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1245	0		23	9	70	21.2	4320.9S	10535.0E	469	3859	7.5		264	253	19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2· ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	9.36	34.675	26.83			1487.7				
OBS	52	9.35	34.674	26.83			1488.4				
OBS	101	9.36	34.672	26.82			1489.3				
OBS	200	9.33	34.671	26.83			1490.8				
OBS	299	9.13	34.624	26.82			1491.6				
OBS	398	9.09	34.628	26.83			1493.1				
OBS	597	8.01	34.585	26.97			1492.2				
OBS	786		34.407								
OBS	1095	3.66	34.372	27.34			1482.7				
OBS	1299	3.04	34.445	27.46			1483.5				
OBS	1598	2.72	34.586	27.60			1487.4				
OBS	1896	2.48	34.686	27.70			1491.5				
OBS	2194	2.33	34.745	27.76			1496.0				
OBS	2381	2.18	34.760	27.79			1498.6				
OBS	2779	1.78	34.761	27.82			1503.7				
OBS	3177	1.43	34.749	27.84			1509.0				
OBS	3575	1.19	34.737	27.84			1514.9				
OBS	3873	1.18	34.733	27.84			1520.1				
OBS	3953	1.19	34.732	27.84			1521.6				
ISL	0	9.36	34.675	26.83	123.25	0.000	1487.6				
ISL	10	9.36	34.675	26.83	123.43	0.012	1487.8				
ISL	20	9.36	34.675	26.83	123.62	0.025	1487.9				
ISL	30	9.35	34.674	26.83	123.80	0.037	1488.1				
ISL	50	9.35	34.674	26.83	124.17	0.062	1488.4				
ISL	75	9.35	34.673	26.82	124.82	0.093	1488.8				
ISL	100	9.36	34.672	26.82	125.48	0.124	1489.3				
ISL	125	9.36	34.671	26.82	126.04	0.156	1489.7				
ISL	150	9.36	34.671	26.82	126.58	0.187	1490.1				
ISL	200	9.33	34.671	26.83	127.12	0.251	1490.8				
ISL	250	9.23	34.648	26.83	128.21	0.315	1491.2				
ISL	300	9.13	34.624	26.82	129.40	0.379	1491.6				
ISL	400	9.08	34.628	26.83	130.32	0.509	1493.1				
ISL	500	8.69	34.622	26.89	126.39	0.637	1493.2				
ISL	600	7.99	34.583	26.97	120.10	0.760	1492.2				
ISL	700	7.25	34.487	27.00	117.71	0.879	1490.9				
ISL	800	6.41	34.399	27.05	113.49	0.995	1489.1				
ISL	900	5.39	34.362	27.15	103.57	1.103	1486.6				
ISL	1000	4.35	34.356	27.26	91.65	1.201	1484.0				
ISL	1100	3.64	34.373	27.35	82.60	1.288	1482.7				
ISL	1200	3.27	34.403	27.41	76.78	1.368	1482.8				
ISL	1300	3.04	34.445	27.46	71.62	1.442	1483.5				
ISL	1400	2.90	34.490	27.51	67.35	1.512	1484.7				
ISL	1500	2.81	34.542	27.56	63.09	1.577	1486.1				
ISL	1750	2.59	34.642	27.66	54.47	1.724	1489.4				
ISL	2000	2.42	34.711	27.73	48.67	1.853	1493.1				
ISL	2250	2.29	34.751	27.77	45.34	1.970	1496.8				
ISL	2500	2.06	34.765	27.80	42.49	2.080	1500.1				
ISL	2750	1.81	34.761	27.82	40.25	2.183	1503.3				
ISL	3000	1.57	34.754	27.83	38.36	2.282	1506.6				
ISL	3250	1.37	34.747	27.84	36.82	2.376	1510.1				
ISL	3500	1.22	34.739	27.84	35.68	2.466	1513.7				
ISL	3750	1.17	34.735	27.84	35.88	2.556	1517.9				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1246	0		25	9	70	8.0	4605.0S	10715.5E	469	3515	8.7		366	363	18

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2· ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	3	9.02	34.607	26.83			1486.3				
OBS	53	8.96	34.604	26.83			1486.9				
OBS	103	9.05	34.620	26.83			1488.1				
OBS	202	9.11	34.640	26.84			1490.0				
OBS	301	9.12	34.645	26.84			1491.6				
OBS	397	8.53	34.532	26.85			1490.9				
OBS	495	7.32	34.339	26.88			1487.6				
OBS	693	6.73	34.477	27.07			1488.7				
OBS	891	4.69	34.357	27.22			1483.6				
OBS	1090	3.51	34.351	27.34			1482.0				
OBS	1385	2.84	34.485	27.51			1484.3				
OBS	1680	2.62	34.613	27.63			1488.5				
OBS	2075	2.36	34.721	27.74			1494.3				
OBS	2455	2.10	34.763	27.80			1499.7				
OBS	2875	1.60	34.753	27.83			1504.8				
OBS	3175	1.40	34.744	27.83			1509.1				
OBS	3375	1.37	34.743	27.83			1512.5				
OBS	3460	1.37	34.741	27.83			1514.0				
ISL	0	9.02	34.607	26.83	123.05	0.000	1486.3				
ISL	10	9.01	34.606	26.83	123.10	0.012	1486.4				
ISL	20	8.99	34.605	26.83	123.14	0.025	1486.5				
ISL	30	8.98	34.604	26.83	123.18	0.037	1486.6				
ISL	50	8.96	34.604	26.83	123.35	0.062	1486.9				
ISL	75	9.00	34.611	26.83	123.93	0.092	1487.4				
ISL	100	9.05	34.619	26.83	124.50	0.124	1488.0				
ISL	125	9.08	34.626	26.83	124.97	0.155	1488.6				
ISL	150	9.09	34.631	26.83	125.35	0.186	1489.0				
ISL	200	9.11	34.640	26.84	125.96	0.249	1489.9				
ISL	250	9.13	34.646	26.84	126.72	0.312	1490.8				
ISL	300	9.12	34.646	26.84	127.71	0.376	1491.6				
ISL	400	8.50	34.527	26.85	128.58	0.504	1490.8				
ISL	500	7.28	34.336	26.88	126.18	0.631	1487.5				
ISL	600	7.08	34.441	26.99	117.02	0.753	1488.5				
ISL	700	6.68	34.477	27.07	110.22	0.866	1488.7				
ISL	800	5.55	34.398	27.16	101.79	0.972	1485.7				
ISL	900	4.62	34.354	27.23	94.16	1.070	1483.5				
ISL	1000	3.95	34.341	27.29	87.87	1.161	1482.3				
ISL	1100	3.47	34.355	27.35	81.90	1.246	1482.0				
ISL	1200	3.12	34.401	27.42	75.19	1.325	1482.2				
ISL	1300	2.96	34.447	27.47	70.60	1.398	1483.3				
ISL	1400	2.82	34.492	27.52	66.26	1.466	1484.5				
ISL	1500	2.75	34.536	27.56	62.72	1.531	1485.9				
ISL	1750	2.57	34.637	27.66	54.65	1.677	1489.5				
ISL	2000	2.41	34.706	27.72	48.92	1.807	1493.2				
ISL	2250	2.24	34.747	27.77	44.99	1.924	1496.8				
ISL	2500	2.06	34.763	27.80	42.49	2.033	1500.3				
ISL	2750	1.73	34.756	27.82	39.59	2.136	1503.2				
ISL	3000	1.50	34.749	27.83	37.65	2.233	1506.5				
ISL	3250	1.38	34.743	27.83	37.13	2.326	1510.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1247	0		25	9	70	22.4	4731.5S	10816.3E	469	2456	5.5		274	263	16

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10²·ml/l	PHOS 10²·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	5.77	34.079	26.88			1473.0				
OBS	51	5.78	34.083	26.88			1473.8				
OBS	99	5.60	34.082	26.90			1473.9				
OBS	197	5.36	34.099	26.94			1474.5				
OBS	295	5.64	34.299	27.07			1477.5				
OBS	393	4.66	34.266	27.15			1475.1				
OBS	491	4.25	34.292	27.22			1475.0				
OBS	643	3.37	34.306	27.32			1473.9				
OBS	840	2.93	34.392	27.43			1475.4				
OBS	1135	2.56	34.543	27.58			1478.9				
OBS	1425	2.43	34.651	27.68			1483.4				
OBS	1720	2.34	34.725	27.75			1488.1				
OBS	2118	2.02	34.764	27.80			1493.5				
OBS	2416	1.68	34.755	27.82			1497.1				
OBS	2613	1.46	34.747	27.83			1499.5				
OBS	2703	1.42	34.742	27.83			1500.9				
ISL	0	5.77	34.079	26.88	118.41	0.000	1472.9				
ISL	10	5.78	34.080	26.88	118.60	0.012	1473.1				
ISL	20	5.79	34.081	26.88	118.76	0.024	1473.3				
ISL	30	5.79	34.081	26.88	118.85	0.036	1473.5				
ISL	50	5.78	34.083	26.88	118.89	0.059	1473.8				
ISL	75	5.69	34.083	26.89	118.09	0.089	1473.8				
ISL	100	5.60	34.082	26.90	117.40	0.118	1473.9				
ISL	125	5.52	34.084	26.91	116.62	0.148	1474.0				
ISL	150	5.44	34.085	26.92	115.85	0.177	1474.0				
ISL	200	5.36	34.102	26.94	114.30	0.234	1474.6				
ISL	250	5.45	34.205	27.01	108.30	0.290	1475.9				
ISL	300	5.62	34.302	27.07	103.71	0.343	1477.5				
ISL	400	4.62	34.266	27.16	95.65	0.443	1475.0				
ISL	500	4.20	34.294	27.23	89.97	0.535	1475.0				
ISL	600	3.61	34.301	27.29	83.80	0.622	1474.2				
ISL	700	3.16	34.325	27.35	78.02	0.703	1474.0				
ISL	800	3.00	34.373	27.41	73.34	0.779	1475.0				
ISL	900	2.83	34.421	27.46	68.63	0.850	1476.0				
ISL	1000	2.69	34.472	27.51	63.92	0.916	1477.1				
ISL	1100	2.59	34.527	27.57	59.38	0.978	1478.4				
ISL	1200	2.51	34.570	27.61	55.86	1.035	1479.8				
ISL	1300	2.48	34.609	27.64	53.14	1.090	1481.4				
ISL	1400	2.44	34.643	27.67	50.75	1.142	1483.0				
ISL	1500	2.40	34.673	27.70	48.67	1.192	1484.6				
ISL	1750	2.32	34.730	27.75	44.82	1.308	1488.5				
ISL	2000	2.14	34.759	27.79	41.65	1.417	1492.0				
ISL	2250	1.87	34.761	27.81	39.22	1.518	1495.1				
ISL	2500	1.59	34.752	27.83	37.11	1.613	1498.1				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1248	0		26	9	70	14.3	4857.5S	10847.9E	469	3041	4.0		343	322	18

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	4.28	34.001	26.99			1466.7	733			
OBS	52	4.09	33.989	27.00			1466.7	730			
OBS	102	3.45	34.008	27.07			1464.9	719			
OBS	202	3.21	34.064	27.14			1465.6	676			
OBS	302	3.39	34.215	27.25			1468.2	574			
OBS	402	3.02	34.269	27.32			1468.3	534			
OBS	502	2.54	34.282	27.38			1467.9	525			
OBS	700	2.40	34.431	27.51			1470.8	451			
OBS	897	2.39	34.558	27.61			1474.2	416			
OBS	1075	2.35	34.635	27.67			1477.1	412			
OBS	1375	2.25	34.717	27.75			1481.8	430			
OBS	1670	2.06	34.754	27.79			1486.0	451			
OBS	1970	1.80	34.761	27.82			1489.9				
OBS	2255	1.51	34.750	27.83			1493.5				
OBS	2550	1.20	34.736	27.84			1497.2				
OBS	2845	0.95	34.719	27.84			1501.2				
OBS	3040	0.84	34.714	27.85			1504.0				
OBS	3125	0.84	34.714	27.85			1505.5				
ISL	0	4.28	34.001	26.99	108.04	0.000	1466.7				
ISL	10	4.26	33.997	26.98	108.19	0.011	1466.8				
ISL	20	4.23	33.994	26.99	108.27	0.022	1466.8				
ISL	30	4.19	33.991	26.99	108.15	0.032	1466.8				
ISL	50	4.11	33.989	26.99	107.66	0.054	1466.8				
ISL	75	3.81	33.995	27.03	104.55	0.081	1465.9				
ISL	100	3.47	34.007	27.07	100.58	0.106	1464.9				
ISL	125	3.28	34.019	27.10	98.11	0.131	1464.5				
ISL	150	3.20	34.030	27.12	96.71	0.155	1464.6				
ISL	200	3.21	34.062	27.14	94.72	0.203	1465.5				
ISL	250	3.28	34.135	27.19	90.18	0.249	1466.7				
ISL	300	3.39	34.213	27.24	85.84	0.293	1468.1				
ISL	400	3.03	34.268	27.32	78.86	0.376	1468.3				
ISL	500	2.55	34.281	27.37	73.95	0.452	1467.9				
ISL	600	2.43	34.357	27.44	67.76	0.523	1469.2				
ISL	700	2.40	34.431	27.51	62.42	0.588	1470.8				
ISL	800	2.40	34.500	27.56	57.77	0.648	1472.5				
ISL	900	2.39	34.560	27.61	53.79	0.704	1474.2				
ISL	1000	2.37	34.606	27.65	50.64	0.756	1475.9				
ISL	1100	2.34	34.644	27.68	48.10	0.806	1477.5				
ISL	1200	2.32	34.676	27.71	45.97	0.853	1479.1				
ISL	1300	2.28	34.702	27.73	44.18	0.898	1480.6				
ISL	1400	2.24	34.722	27.75	42.72	0.941	1482.2				
ISL	1500	2.18	34.737	27.77	41.39	0.983	1483.6				
ISL	1750	2.00	34.758	27.80	38.90	1.084	1487.1				
ISL	2000	1.77	34.761	27.82	37.09	1.179	1490.3				
ISL	2250	1.52	34.750	27.83	35.60	1.269	1493.4				
ISL	2500	1.25	34.739	27.84	33.88	1.356	1496.6				
ISL	2750	1.02	34.725	27.84	32.50	1.439	1499.8				
ISL	3000	0.85	34.714	27.85	31.44	1.519	1503.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1249	0		27	9	70	5.3	5030.2S	10934.6E	505	3277	3.7		363	22	18

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2\cdot$ ml/l	PHOS $10^2\cdot\mu$gat/l	NITR $10\cdot\mu$gat/l	SILIC μgat/l
OBS	1	3.52	33.943	27.02			1463.4				
OBS	49	3.28	33.940	27.04			1463.2				
OBS	97	2.99	33.955	27.08			1462.7				
OBS	194	2.23	33.965	27.15			1461.0				
OBS	291	2.86	34.214	27.29			1465.7				
OBS	389	2.66	34.287	27.37			1466.6				
OBS	487	2.22	34.333	27.44			1466.3				
OBS	684	2.37	34.496	27.56			1470.5				
OBS	881	2.36	34.603	27.65			1473.9				
OBS	1035	2.34	34.672	27.70			1476.4				
OBS	1335	2.14	34.733	27.77			1480.7				
OBS	1630	1.95	34.755	27.80			1484.8				
OBS	1930	1.66	34.754	27.82			1488.7				
OBS	2230	1.35	34.745	27.84			1492.4				
OBS	2630	0.99	34.725	27.85			1497.6				
OBS	3025	0.82	34.718	27.85			1503.7				
OBS	3225	0.78	34.714	27.85			1507.0				
OBS	3315	0.76	34.709	27.85			1508.5				
ISL	0	3.52	33.943	27.02	105.12	0.000	1463.4				
ISL	10	3.48	33.942	27.02	104.93	0.011	1463.4				
ISL	20	3.43	33.941	27.02	104.63	0.021	1463.3				
ISL	30	3.38	33.940	27.03	104.28	0.031	1463.3				
ISL	50	3.27	33.940	27.04	103.46	0.052	1463.2				
ISL	75	3.13	33.949	27.06	101.69	0.078	1463.0				
ISL	100	2.97	33.956	27.08	99.91	0.103	1462.7				
ISL	125	2.79	33.961	27.10	98.17	0.128	1462.4				
ISL	150	2.59	33.962	27.12	96.46	0.152	1461.9				
ISL	200	2.23	33.974	27.15	92.86	0.199	1461.2				
ISL	250	2.68	34.122	27.24	85.72	0.244	1464.1				
ISL	300	2.87	34.227	27.30	79.86	0.286	1465.9				
ISL	400	2.62	34.293	27.38	73.17	0.362	1466.6				
ISL	500	2.21	34.342	27.45	66.42	0.432	1466.5				
ISL	600	2.32	34.430	27.51	61.19	0.496	1468.8				
ISL	700	2.37	34.506	27.57	56.55	0.554	1470.8				
ISL	800	2.37	34.563	27.61	52.76	0.609	1472.5				
ISL	900	2.36	34.612	27.65	49.53	0.660	1474.2				
ISL	1000	2.35	34.658	27.69	46.58	0.708	1475.9				
ISL	1100	2.30	34.693	27.72	44.01	0.754	1477.4				
ISL	1200	2.23	34.716	27.75	42.06	0.797	1478.8				
ISL	1300	2.16	34.728	27.76	40.92	0.838	1480.2				
ISL	1400	2.10	34.741	27.78	39.79	0.879	1481.6				
ISL	1500	2.03	34.749	27.79	38.89	0.918	1483.0				
ISL	1750	1.84	34.757	27.81	37.17	1.013	1486.4				
ISL	2000	1.59	34.752	27.83	35.51	1.104	1489.5				
ISL	2250	1.33	34.744	27.84	33.80	1.190	1492.6				
ISL	2500	1.09	34.731	27.85	32.34	1.273	1495.8				
ISL	2750	0.92	34.723	27.85	31.34	1.353	1499.4				
ISL	3000	0.83	34.718	27.85	30.83	1.430	1503.3				
ISL	3250	0.77	34.713	27.85	30.88	1.508	1507.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1250	0		28	9	70	5.3	5157.6S	11026.5E	504	3563	2.3		34	33	18

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	1.73	34.009	27.22			1455.7	793			
OBS	51	1.40	34.015	27.25			1455.1	792			
OBS	101	1.13	34.057	27.30			1454.8	750			
OBS	201	1.73	34.243	27.41			1459.4	591			
OBS	301	1.83	34.386	27.52			1461.6	504			
OBS	401	2.04	34.498	27.59			1464.4	453			
OBS	501	2.11	34.573	27.64			1466.5	432			
OBS	700	2.19	34.671	27.71			1470.2	426			
OBS	897	2.12	34.717	27.76			1473.3	446			
OBS	1190	1.92	34.752	27.80			1477.4	456			
OBS	1480	1.67	34.755	27.82			1481.2	463			
OBS	1770	1.39	34.749	27.84			1484.9	482			
OBS	2065	1.12	34.735	27.85			1488.7	480			
OBS	2460	0.74	34.719	27.86			1493.8	490			
OBS	2855	0.42	34.698	27.86			1499.2				
OBS	3250	0.25	34.692	27.86			1505.3				
OBS	3545	0.22	34.687	27.86			1510.4				
OBS	3630	0.21	34.688	27.86			1511.8				
ISL	0	1.73	34.009	27.22	85.69	0.000	1455.7				
ISL	10	1.66	34.007	27.23	85.38	0.009	1455.6				
ISL	20	1.59	34.007	27.23	84.95	0.017	1455.4				
ISL	30	1.53	34.008	27.24	84.45	0.026	1455.3				
ISL	50	1.41	34.015	27.25	83.18	0.042	1455.1				
ISL	75	1.25	34.031	27.27	81.00	0.063	1454.9				
ISL	100	1.13	34.056	27.30	78.36	0.083	1454.8				
ISL	125	1.25	34.100	27.33	75.84	0.102	1455.8				
ISL	150	1.48	34.153	27.35	73.44	0.121	1457.3				
ISL	200	1.73	34.241	27.41	68.75	0.156	1459.3				
ISL	250	1.77	34.318	27.47	63.47	0.189	1460.4				
ISL	300	1.83	34.385	27.51	59.07	0.220	1461.6				
ISL	400	2.04	34.497	27.59	52.77	0.276	1464.4				
ISL	500	2.11	34.572	27.64	48.20	0.326	1466.4				
ISL	600	2.17	34.629	27.68	44.93	0.373	1468.4				
ISL	700	2.19	34.671	27.71	42.52	0.417	1470.2				
ISL	800	2.17	34.700	27.74	40.67	0.458	1471.9				
ISL	900	2.12	34.718	27.76	39.35	0.498	1473.3				
ISL	1000	2.06	34.733	27.78	38.08	0.537	1474.8				
ISL	1100	1.99	34.745	27.79	36.97	0.574	1476.2				
ISL	1200	1.91	34.753	27.80	36.04	0.611	1477.5				
ISL	1300	1.83	34.756	27.81	35.31	0.647	1478.8				
ISL	1400	1.74	34.756	27.82	34.86	0.682	1480.2				
ISL	1500	1.65	34.755	27.82	34.32	0.716	1481.4				
ISL	1750	1.41	34.750	27.84	32.89	0.800	1484.6				
ISL	2000	1.18	34.738	27.84	31.85	0.881	1487.9				
ISL	2250	0.94	34.727	27.85	30.43	0.959	1491.1				
ISL	2500	0.70	34.717	27.86	28.71	1.033	1494.3				
ISL	2750	0.49	34.704	27.86	27.37	1.103	1497.7				
ISL	3000	0.34	34.696	27.86	26.15	1.170	1501.3				
ISL	3250	0.25	34.692	27.86	25.33	1.234	1505.3				
ISL	3500	0.22	34.688	27.86	25.32	1.298	1509.6				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1251	0		30	9	70	5.8	5601.2S	11245.0E	504	4349	0.8		56	53	19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	1.43	33.994	27.23			1454.4	780			
OBS	52	1.37	33.996	27.24			1455.0	777			
OBS	102	0.90	34.017	27.28			1453.7	769			
OBS	202	1.50	34.243	27.43			1458.3	598			
OBS	302	1.98	34.422	27.53			1462.4	476			
OBS	402	2.10	34.523	27.60			1464.7	434			
OBS	602	2.19	34.648	27.70			1468.5	413			
OBS	802	2.14	34.711	27.75			1471.7	428			
OBS	1102	1.96	34.743	27.79			1476.0	453			
OBS	1367	1.72	34.760	27.82			1479.4	464			
OBS	1666	1.46	34.754	27.84			1483.3	473			
OBS	1965	1.18	34.741	27.85			1487.1	477			
OBS	2364	0.84	34.723	27.85			1492.4	487			
OBS	2763	0.50	34.701	27.86			1497.7	501			
OBS	3262	0.22	34.690	27.86			1505.1	518			
OBS	3762	0.05	34.687	27.87			1513.2	529			
OBS	4162	-0.01	34.683	27.87			1520.0	541			
OBS	4365	-0.06	34.683	27.87			1523.4	553			
OBS	4455	-0.06	34.682	27.87			1525.0	553			
ISL	0	1.43	33.994	27.23	84.81	0.000	1454.4				
ISL	10	1.42	33.993	27.23	84.89	0.008	1454.5				
ISL	20	1.41	33.992	27.23	84.91	0.017	1454.6				
ISL	30	1.40	33.992	27.23	84.79	0.025	1454.7				
ISL	50	1.38	33.996	27.24	84.45	0.042	1455.0				
ISL	75	1.20	34.001	27.25	82.91	0.063	1454.6				
ISL	100	0.91	34.015	27.28	80.04	0.084	1453.7				
ISL	125	1.03	34.070	27.32	76.63	0.103	1454.7				
ISL	150	1.19	34.129	27.36	73.27	0.122	1455.9				
ISL	200	1.49	34.239	27.42	67.17	0.157	1458.3				
ISL	250	1.76	34.337	27.48	61.95	0.189	1460.4				
ISL	300	1.97	34.419	27.53	57.66	0.219	1462.3				
ISL	400	2.10	34.521	27.60	51.46	0.274	1464.6				
ISL	500	2.17	34.595	27.66	46.97	0.323	1466.7				
ISL	600	2.19	34.647	27.70	43.81	0.368	1468.5				
ISL	700	2.18	34.685	27.73	41.37	0.411	1470.2				
ISL	800	2.14	34.711	27.75	39.60	0.452	1471.7				
ISL	900	2.09	34.727	27.77	38.43	0.491	1473.2				
ISL	1000	2.03	34.734	27.78	37.73	0.529	1474.6				
ISL	1100	1.96	34.743	27.79	36.84	0.566	1476.0				
ISL	1200	1.87	34.752	27.80	35.68	0.602	1477.3				
ISL	1300	1.78	34.757	27.82	34.73	0.637	1478.5				
ISL	1400	1.69	34.760	27.83	33.94	0.672	1479.8				
ISL	1500	1.60	34.760	27.83	33.44	0.705	1481.1				
ISL	1750	1.38	34.751	27.84	32.54	0.788	1484.4				
ISL	2000	1.15	34.739	27.85	31.39	0.868	1487.6				
ISL	2250	0.94	34.728	27.85	30.27	0.945	1490.9				
ISL	2500	0.72	34.716	27.86	29.03	1.019	1494.2				
ISL	2750	0.51	34.702	27.86	27.73	1.090	1497.6				
ISL	3000	0.35	34.694	27.86	26.44	1.158	1501.2				
ISL	3250	0.23	34.690	27.86	25.13	1.222	1505.0				
ISL	3500	0.13	34.689	27.87	23.89	1.283	1508.9				
ISL	3750	0.05	34.687	27.87	22.97	1.342	1513.0				
ISL	4000	0.02	34.685	27.87	22.57	1.399	1517.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1252	0		1	10	70	16.3	5827.2S	11408.6E	504	4444	-2.0		105	73	20

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	-0.96	34.006	27.37			1443.5	831			
OBS	51	-0.78	34.040	27.39			1445.2	818			
OBS	101	-0.52	34.082	27.41			1447.3	795			
OBS	201	1.43	34.454	27.60			1458.3	508			
OBS	345	2.02	34.616	27.68			1463.5	433			
OBS	445	2.01	34.658	27.72			1465.2	425			
OBS	645	1.95	34.713	27.77			1468.3	440			
OBS	845	1.86	34.740	27.80			1471.3	456			
OBS	1045	1.67	34.753	27.82			1473.8	473			
OBS	1245	1.48	34.746	27.83			1476.4	484			
OBS	1420	1.35	34.746	27.84			1478.7	487			
OBS	1718	1.14	34.739	27.85			1482.8	492			
OBS	2015	0.89	34.726	27.85			1486.8	499			
OBS	2312	0.67	34.713	27.86			1490.9	505			
OBS	2710	0.38	34.692	27.86			1496.4	515			
OBS	3107	0.20	34.690	27.87			1502.5	530			
OBS	3645	0.05	34.685	27.87			1511.3	537			
OBS	4150	-0.09	34.688	27.88			1519.7	562			
OBS	4455	-0.18	34.683	27.88			1524.7	574			
OBS	4545	-0.18	34.682	27.88			1526.3	575			
ISL	0	-0.96	34.006	27.37	71.86	0.000	1443.5				
ISL	10	-0.94	34.011	27.37	71.53	0.007	1443.8				
ISL	20	-0.91	34.017	27.37	71.12	0.014	1444.1				
ISL	30	-0.87	34.024	27.38	70.67	0.021	1444.4				
ISL	50	-0.78	34.039	27.39	69.75	0.035	1445.2				
ISL	75	-0.68	34.058	27.40	68.64	0.053	1446.1				
ISL	100	-0.53	34.080	27.41	67.48	0.070	1447.2				
ISL	125	-0.16	34.151	27.45	63.71	0.086	1449.4				
ISL	150	0.41	34.266	27.51	58.01	0.101	1452.6				
ISL	200	1.42	34.451	27.60	50.60	0.129	1458.2				
ISL	250	1.87	34.549	27.64	46.81	0.153	1461.2				
ISL	300	1.94	34.583	27.66	45.06	0.176	1462.4				
ISL	400	2.02	34.643	27.71	41.66	0.219	1464.5				
ISL	500	2.00	34.677	27.73	39.42	0.260	1466.1				
ISL	600	1.97	34.704	27.76	37.55	0.298	1467.6				
ISL	700	1.93	34.723	27.78	36.26	0.335	1469.2				
ISL	800	1.89	34.736	27.79	35.31	0.371	1470.7				
ISL	900	1.81	34.745	27.80	34.28	0.406	1472.0				
ISL	1000	1.71	34.752	27.82	33.32	0.440	1473.3				
ISL	1100	1.62	34.751	27.82	32.82	0.473	1474.5				
ISL	1200	1.52	34.747	27.83	32.52	0.505	1475.8				
ISL	1300	1.44	34.746	27.83	32.08	0.538	1477.1				
ISL	1400	1.36	34.746	27.84	31.63	0.569	1478.5				
ISL	1500	1.29	34.745	27.84	31.27	0.601	1479.8				
ISL	1750	1.11	34.738	27.85	30.57	0.678	1483.3				
ISL	2000	0.90	34.727	27.85	29.55	0.753	1486.6				
ISL	2250	0.72	34.716	27.86	28.65	0.826	1490.0				
ISL	2500	0.53	34.703	27.86	27.66	0.896	1493.5				
ISL	2750	0.36	34.692	27.86	26.57	0.964	1497.0				
ISL	3000	0.24	34.691	27.86	25.25	1.029	1500.8				
ISL	3250	0.16	34.689	27.87	24.35	1.091	1504.9				
ISL	3500	0.09	34.686	27.87	23.58	1.151	1508.9				
ISL	3750	0.02	34.685	27.87	22.65	1.209	1513.1				
ISL	4000	-0.05	34.688	27.88	21.39	1.264	1517.2				
ISL	4500	-0.18	34.682	27.88	19.44	1.366	1525.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1253	0		2	10	70	19.7	6044.5S	11412.4E	540	4289	-8.4		183	162	20

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	-1.64	33.931	27.33			1440.2				
OBS	51	-1.62	34.050	27.42			1441.3				
OBS	101	-1.43	34.141	27.49			1443.1				
OBS	201	1.86	34.590	27.68			1460.4				
OBS	301	1.97	34.671	27.73			1462.7				
OBS	401	1.90	34.697	27.76			1464.0				
OBS	500	1.83	34.716	27.78			1465.4				
OBS	599	1.79	34.734	27.80			1466.9				
OBS	798	1.68	34.740	27.81			1469.8				
OBS	997	1.52	34.747	27.83			1472.4				
OBS	1290	1.24	34.742	27.84			1476.1	475			
OBS	1588	0.98	34.729	27.85			1479.9	481			
OBS	1985	0.65	34.709	27.86			1485.2	489			
OBS	2382	0.42	34.701	27.86			1491.0	498			
OBS	2779	0.19	34.686	27.86			1496.8	521			
OBS	3175	0.06	34.684	27.87			1503.2	527			
OBS	3677	-0.09	34.681	27.87			1511.3				
OBS	4079	-0.17	34.681	27.88			1518.1	565			
OBS	4281	-0.23	34.683	27.88			1521.5	565			
OBS	4372	-0.24	34.685	27.88			1523.1	566			
ISL	0	-1.64	33.931	27.33	75.61	0.000	1440.2				
ISL	10	-1.66	33.951	27.34	73.95	0.007	1440.3				
ISL	20	-1.67	33.975	27.36	72.06	0.015	1440.4				
ISL	30	-1.66	33.999	27.38	70.13	0.022	1440.7				
ISL	50	-1.62	34.048	27.42	66.38	0.036	1441.3				
ISL	75	-1.57	34.096	27.46	62.69	0.052	1442.0				
ISL	100	-1.44	34.138	27.49	59.66	0.067	1443.1				
ISL	125	-0.87	34.225	27.54	54.93	0.081	1446.3				
ISL	150	0.13	34.348	27.59	50.27	0.094	1451.5				
ISL	200	1.84	34.587	27.68	43.51	0.118	1460.3				
ISL	250	1.96	34.645	27.71	40.30	0.139	1461.7				
ISL	300	1.97	34.670	27.73	38.72	0.159	1462.6				
ISL	400	1.90	34.697	27.76	36.61	0.196	1464.0				
ISL	500	1.83	34.716	27.78	35.01	0.232	1465.4				
ISL	600	1.79	34.734	27.80	33.71	0.266	1466.9				
ISL	700	1.74	34.737	27.80	33.46	0.300	1468.4				
ISL	800	1.68	34.740	27.81	33.08	0.333	1469.8				
ISL	900	1.60	34.744	27.82	32.50	0.366	1471.1				
ISL	1000	1.52	34.747	27.83	31.78	0.398	1472.4				
ISL	1100	1.42	34.747	27.83	31.21	0.430	1473.7				
ISL	1200	1.32	34.745	27.84	30.73	0.461	1474.9				
ISL	1300	1.23	34.742	27.84	30.35	0.491	1476.2				
ISL	1400	1.14	34.738	27.85	29.99	0.521	1477.5				
ISL	1500	1.05	34.733	27.85	29.71	0.551	1478.8				
ISL	1750	0.84	34.721	27.85	28.91	0.625	1482.1				
ISL	2000	0.64	34.708	27.86	28.05	0.696	1485.4				
ISL	2250	0.50	34.704	27.86	26.98	0.764	1489.1				
ISL	2500	0.35	34.697	27.86	26.00	0.831	1492.7				
ISL	2750	0.21	34.687	27.86	25.12	0.895	1496.4				
ISL	3000	0.11	34.685	27.87	24.10	0.956	1500.4				
ISL	3250	0.04	34.684	27.87	23.15	1.015	1504.4				
ISL	3500	-0.04	34.682	27.87	22.09	1.072	1508.4				
ISL	3750	-0.11	34.681	27.87	21.17	1.126	1512.6				
ISL	4000	-0.15	34.681	27.88	20.38	1.178	1516.8				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1254	0		3	10	70	10.9	6101.9S	11349.6E	540	4237	-7.3		213	0	20

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	-1.66	34.089	27.46			1440.3	807			
OBS	51	-1.67	34.115	27.48			1441.1	794			
OBS	101	-1.26	34.180	27.52			1444.0	731			
OBS	201	1.74	34.612	27.70			1459.9	431			
OBS	301	1.81	34.683	27.75			1462.0	430			
OBS	401	1.83	34.714	27.78			1463.7	441			
OBS	501	1.81	34.732	27.79			1465.3	444			
OBS	601	1.76	34.738	27.80			1466.8	450			
OBS	801	1.62	34.744	27.82			1469.5	461			
OBS	1001	1.45	34.748	27.83			1472.1	471			
OBS	1225	1.22	34.739	27.84			1474.8	476			
OBS	1525	0.95	34.728	27.85			1478.6	482			
OBS	1925	0.64	34.711	27.86			1484.0	490			
OBS	2320	0.38	34.697	27.86			1489.6	501			
OBS	2715	0.18	34.685	27.86			1495.5	516			
OBS	3115	0.05	34.684	27.87			1501.9	528			
OBS	3618	-0.07	34.679	27.87			1510.1	543			
OBS	4020	-0.18	34.683	27.88			1516.8	558			
OBS	4222	-0.22	34.683	27.88			1520.2	563			
OBS	4312	-0.23	34.686	27.89			1521.7	568			
ISL	0	-1.66	34.089	27.46	63.43	0.000	1440.3				
ISL	10	-1.70	34.090	27.46	63.22	0.006	1440.3				
ISL	20	-1.72	34.093	27.46	62.86	0.013	1440.4				
ISL	30	-1.73	34.098	27.47	62.41	0.019	1440.5				
ISL	50	-1.67	34.114	27.48	61.15	0.031	1441.1				
ISL	75	-1.55	34.135	27.49	59.72	0.046	1442.1				
ISL	100	-1.27	34.178	27.52	57.18	0.061	1443.9				
ISL	125	-0.73	34.259	27.56	52.95	0.075	1447.0				
ISL	150	0.11	34.383	27.62	47.48	0.087	1451.4				
ISL	200	1.72	34.609	27.70	40.94	0.109	1459.8				
ISL	250	1.79	34.658	27.74	37.96	0.129	1461.0				
ISL	300	1.81	34.682	27.75	36.53	0.148	1461.9				
ISL	400	1.83	34.714	27.78	34.74	0.183	1463.7				
ISL	500	1.81	34.732	27.79	33.65	0.218	1465.3				
ISL	600	1.76	34.738	27.80	33.19	0.251	1466.8				
ISL	700	1.70	34.742	27.81	32.73	0.284	1468.1				
ISL	800	1.62	34.744	27.82	32.25	0.316	1469.5				
ISL	900	1.54	34.747	27.83	31.70	0.348	1470.8				
ISL	1000	1.45	34.748	27.83	31.10	0.380	1472.1				
ISL	1100	1.35	34.744	27.84	30.73	0.411	1473.3				
ISL	1200	1.24	34.740	27.84	30.35	0.441	1474.5				
ISL	1300	1.15	34.736	27.84	29.96	0.471	1475.7				
ISL	1400	1.06	34.733	27.85	29.56	0.501	1477.0				
ISL	1500	0.97	34.729	27.85	29.18	0.531	1478.3				
ISL	1750	0.77	34.718	27.86	28.36	0.602	1481.6				
ISL	2000	0.59	34.708	27.86	27.49	0.672	1485.0				
ISL	2250	0.42	34.699	27.86	26.54	0.740	1488.6				
ISL	2500	0.28	34.691	27.86	25.63	0.805	1492.2				
ISL	2750	0.17	34.685	27.86	24.77	0.868	1496.0				
ISL	3000	0.08	34.684	27.87	23.72	0.929	1500.0				
ISL	3250	0.02	34.683	27.87	22.92	0.987	1504.1				
ISL	3500	-0.04	34.680	27.87	22.28	1.043	1508.2				
ISL	3750	-0.11	34.680	27.87	21.23	1.098	1512.3				
ISL	4000	-0.18	34.683	27.88	19.90	1.149	1516.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1255	0		4	10	70	3.1	6000.0S	11352.7E	504	4362	-6.0		32	0	16

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	1	-1.58	33.944	27.34			1440.5	830			
OBS	76	-1.69	33.975	27.36			1441.3	819			
OBS	160	-0.24	34.188	27.48			1449.7	679			
OBS	260	1.89	34.557	27.65			1461.5	433			
OBS	360	2.01	34.645	27.71			1463.8	413			
OBS	460	2.00	34.686	27.74			1465.4	422			
OBS	560	1.86	34.701	27.77			1466.5	442			
OBS	660	1.84	34.722	27.78			1468.1	437			
OBS	1355	1.32	34.740	27.84			1477.5				
OBS	1652	1.06	34.723	27.84			1481.3				
OBS	2049	0.72	34.707	27.85			1486.6				
OBS	2446	0.46	34.692	27.85			1492.2				
OBS	2843	0.23	34.689	27.86			1498.0				
OBS	3241	0.08	34.683	27.87			1504.3				
OBS	3738	-0.07	34.678	27.87			1512.4				
OBS	4135	-0.15	34.676	27.87			1519.1				
ISL	0	-1.58	33.944	27.34	74.76	0.000	1440.5				
ISL	10	-1.65	33.941	27.34	74.78	0.007	1440.3				
ISL	20	-1.71	33.939	27.34	74.66	0.015	1440.2				
ISL	30	-1.75	33.940	27.34	74.43	0.022	1440.2				
ISL	50	-1.77	33.949	27.35	73.55	0.037	1440.4				
ISL	75	-1.70	33.974	27.36	71.70	0.055	1441.2				
ISL	100	-1.42	34.020	27.39	68.80	0.073	1443.0				
ISL	125	-0.92	34.078	27.42	65.99	0.090	1445.8				
ISL	150	-0.43	34.156	27.47	61.96	0.106	1448.6				
ISL	200	0.57	34.321	27.55	54.84	0.135	1454.3				
ISL	250	1.71	34.530	27.64	47.05	0.160	1460.5				
ISL	300	1.98	34.609	27.68	43.44	0.183	1462.6				
ISL	400	2.02	34.666	27.72	39.95	0.225	1464.5				
ISL	500	1.95	34.692	27.75	37.86	0.264	1465.9				
ISL	600	1.85	34.709	27.77	36.16	0.301	1467.1				
ISL	700	1.82	34.727	27.79	34.95	0.336	1468.7				
ISL	800	1.77	34.741	27.80	33.86	0.371	1470.2				
ISL	900	1.70	34.748	27.82	33.01	0.404	1471.5				
ISL	1000	1.61	34.749	27.82	32.57	0.437	1472.8				
ISL	1100	1.53	34.746	27.83	32.33	0.469	1474.1				
ISL	1200	1.45	34.743	27.83	32.07	0.501	1475.4				
ISL	1300	1.37	34.742	27.83	31.67	0.533	1476.8				
ISL	1400	1.28	34.738	27.84	31.40	0.565	1478.1				
ISL	1500	1.19	34.731	27.84	31.23	0.596	1479.4				
ISL	1750	0.98	34.719	27.84	30.47	0.673	1482.6				
ISL	2000	0.76	34.709	27.85	29.29	0.748	1485.9				
ISL	2250	0.58	34.699	27.85	28.31	0.820	1489.4				
ISL	2500	0.43	34.691	27.85	27.30	0.890	1493.0				
ISL	2750	0.28	34.690	27.86	25.73	0.956	1496.6				
ISL	3000	0.16	34.687	27.87	24.57	1.019	1500.5				
ISL	3250	0.08	34.683	27.87	23.71	1.079	1504.4				
ISL	3500	-0.00	34.680	27.87	22.77	1.137	1508.5				
ISL	3750	-0.07	34.678	27.87	21.85	1.193	1512.6				
ISL	4000	-0.13	34.676	27.87	21.05	1.247	1516.8				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1256	0		4	10	70	21.5	5901.4S	11355.7E	504	4431	-3.4		323	0	18

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	-1.57	33.928	27.32			1440.5				
OBS	50	-1.50	33.945	27.34			1441.7				
OBS	98	-1.42	34.005	27.38			1442.9				
OBS	146	-0.76	34.103	27.44			1447.0				
OBS	193	1.29	34.413	27.58			1457.5				
OBS	286	1.81	34.570	27.66			1461.6				
OBS	381	1.95	34.654	27.72			1463.9				
OBS	574	1.92	34.713	27.77			1467.0				
OBS	768	1.83	34.736	27.80			1469.9				
OBS	960	1.73	34.749	27.81			1472.7				
OBS	1384	1.31	34.744	27.84			1477.9				
OBS	1778	1.00	34.727	27.85			1483.2				
OBS	2170	0.66	34.712	27.86			1488.4				
OBS	2558	0.43	34.695	27.86			1494.0				
OBS	2953	0.20	34.691	27.87			1499.8				
OBS	3355	0.05	34.686	27.87			1506.2				
OBS	4255	-0.16	34.683	27.88			1521.1				
OBS	4545	-0.19	34.688	27.88			1526.2				
ISL	0	-1.57	33.928	27.32	76.02	0.000	1440.5				
ISL	10	-1.56	33.928	27.32	76.00	0.008	1440.7				
ISL	20	-1.55	33.929	27.32	75.85	0.015	1440.9				
ISL	30	-1.53	33.933	27.33	75.55	0.023	1441.2				
ISL	50	-1.50	33.945	27.34	74.58	0.038	1441.7				
ISL	75	-1.46	33.971	27.36	72.56	0.056	1442.3				
ISL	100	-1.40	34.008	27.38	69.74	0.074	1443.0				
ISL	125	-1.21	34.048	27.41	67.22	0.091	1444.4				
ISL	150	-0.64	34.121	27.45	63.75	0.107	1447.6				
ISL	200	1.48	34.445	27.59	51.49	0.136	1458.5				
ISL	250	1.69	34.525	27.64	47.22	0.161	1460.4				
ISL	300	1.85	34.586	27.67	44.08	0.184	1462.0				
ISL	400	1.97	34.666	27.73	39.43	0.226	1464.3				
ISL	500	1.94	34.698	27.76	37.31	0.264	1465.9				
ISL	600	1.91	34.718	27.77	36.00	0.301	1467.4				
ISL	700	1.86	34.730	27.79	35.12	0.336	1468.9				
ISL	800	1.81	34.739	27.80	34.40	0.371	1470.3				
ISL	900	1.77	34.746	27.81	33.86	0.405	1471.8				
ISL	1000	1.70	34.750	27.82	33.26	0.439	1473.2				
ISL	1100	1.59	34.752	27.83	32.44	0.471	1474.4				
ISL	1200	1.48	34.750	27.83	31.94	0.504	1475.6				
ISL	1300	1.39	34.746	27.84	31.54	0.535	1476.8				
ISL	1400	1.30	34.743	27.84	31.14	0.567	1478.1				
ISL	1500	1.22	34.739	27.84	30.96	0.598	1479.5				
ISL	1750	1.02	34.728	27.85	30.30	0.674	1482.8				
ISL	2000	0.81	34.719	27.85	29.15	0.749	1486.1				
ISL	2250	0.61	34.709	27.86	27.98	0.820	1489.5				
ISL	2500	0.46	34.698	27.86	27.28	0.889	1493.1				
ISL	2750	0.32	34.693	27.86	25.99	0.956	1496.8				
ISL	3000	0.18	34.690	27.87	24.49	1.019	1500.5				
ISL	3250	0.08	34.687	27.87	23.46	1.079	1504.4				
ISL	3500	0.00	34.685	27.87	22.54	1.136	1508.5				
ISL	3750	-0.06	34.683	27.87	21.67	1.191	1512.6				
ISL	4000	-0.12	34.681	27.88	20.84	1.245	1516.8				
ISL	4500	-0.19	34.687	27.88	19.04	1.344	1525.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1257	0		5	10	70	14.0	5800.3S	11358.7E	504	4457	-2.4		244	242	20

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	0.04	34.032	27.35			1448.2	802			
OBS	51	0.03	34.029	27.34			1448.9	800			
OBS	100	-0.11	34.048	27.37			1449.1	774			
OBS	149	-0.14	34.087	27.40			1449.8	756			
OBS	197	1.42	34.382	27.54			1458.1	520			
OBS	291	1.95	34.540	27.63			1462.2	428			
OBS	386	2.10	34.613	27.68			1464.5	410			
OBS	581	2.08	34.699	27.75			1467.8	424			
OBS	776	2.02	34.731	27.78			1470.8	440			
OBS	971	1.86	34.748	27.80			1473.4	456			
OBS	1390	1.50	34.750	27.83			1478.8	467			
OBS	1775	1.17	34.736	27.84			1483.9	477			
OBS	2160	0.80	34.719	27.85			1488.8	487			
OBS	2550	0.53	34.706	27.86			1494.3	496			
OBS	2940	0.28	34.695	27.87			1499.9	510			
OBS	3335	0.12	34.689	27.87			1506.0	527			
OBS	3832	-0.01	34.685	27.87			1514.2	541			
OBS	4230	-0.12	34.683	27.88			1520.8	556			
OBS	4425	-0.16	34.682	27.88			1524.1	559			
OBS	4515	-0.19	34.686	27.88			1525.6	566			
ISL	0	0.04	34.032	27.35	73.98	0.000	1448.1				
ISL	10	0.04	34.030	27.34	74.15	0.007	1448.3				
ISL	20	0.05	34.028	27.34	74.27	0.015	1448.5				
ISL	30	0.04	34.028	27.34	74.30	0.022	1448.6				
ISL	50	0.03	34.029	27.34	74.10	0.037	1448.9				
ISL	75	-0.04	34.036	27.35	73.19	0.056	1449.0				
ISL	100	-0.11	34.048	27.37	71.87	0.074	1449.1				
ISL	125	-0.16	34.062	27.38	70.50	0.091	1449.3				
ISL	150	-0.12	34.091	27.40	68.47	0.109	1449.9				
ISL	200	1.48	34.395	27.55	55.38	0.140	1458.4				
ISL	250	1.81	34.492	27.60	50.65	0.166	1460.9				
ISL	300	1.98	34.550	27.64	47.86	0.191	1462.5				
ISL	400	2.11	34.622	27.68	44.05	0.237	1464.8				
ISL	500	2.10	34.673	27.72	40.58	0.279	1466.5				
ISL	600	2.08	34.704	27.75	38.52	0.319	1468.1				
ISL	700	2.05	34.722	27.77	37.47	0.357	1469.7				
ISL	800	2.00	34.734	27.78	36.56	0.394	1471.1				
ISL	900	1.92	34.743	27.79	35.49	0.430	1472.5				
ISL	1000	1.84	34.749	27.81	34.65	0.465	1473.8				
ISL	1100	1.75	34.753	27.82	33.94	0.499	1475.1				
ISL	1200	1.66	34.754	27.82	33.43	0.533	1476.4				
ISL	1300	1.58	34.752	27.83	33.06	0.566	1477.7				
ISL	1400	1.49	34.750	27.83	32.65	0.599	1479.0				
ISL	1500	1.41	34.747	27.84	32.28	0.631	1480.3				
ISL	1750	1.19	34.737	27.84	31.44	0.711	1483.5				
ISL	2000	0.96	34.726	27.85	30.24	0.788	1486.7				
ISL	2250	0.73	34.716	27.86	28.79	0.862	1490.0				
ISL	2500	0.56	34.708	27.86	27.73	0.933	1493.5				
ISL	2750	0.40	34.700	27.86	26.45	1.000	1497.1				
ISL	3000	0.25	34.694	27.87	25.17	1.065	1500.8				
ISL	3250	0.15	34.690	27.87	24.13	1.126	1504.7				
ISL	3500	0.08	34.687	27.87	23.33	1.186	1508.7				
ISL	3750	0.01	34.685	27.87	22.49	1.243	1512.9				
ISL	4000	-0.06	34.684	27.87	21.52	1.298	1517.0				
ISL	4500	-0.18	34.685	27.88	19.20	1.400	1525.3				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1258	0		8	10	70	6.6	5530.5S	11405.5E	504	4369	1.2		0	83	20

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	2.16	33.986	27.17			1457.6	768			
OBS	51	1.95	33.986	27.19			1457.5	770			
OBS	101	1.88	33.995	27.20			1458.0	778			
OBS	151	1.86	34.081	27.27			1458.9	699			
OBS	226	1.86	34.207	27.37			1460.3	606			
OBS	301	1.85	34.282	27.43			1461.6	562			
OBS	400	2.01	34.395	27.51			1464.1	482			
OBS	598	2.27	34.566	27.62			1468.7	414			
OBS	794	2.25	34.670	27.71			1472.1	416			
OBS	991	2.16	34.719	27.76			1475.0	429			
OBS	1290	1.97	34.753	27.80			1479.3	451			
OBS	1690	1.67	34.759	27.83			1484.7	464			
OBS	2085	1.27	34.747	27.85			1489.7	475			
OBS	2480	0.98	34.728	27.85			1495.2	485			
OBS	2875	0.62	34.715	27.86			1500.4	496			
OBS	3280	0.33	34.705	27.87			1506.2	511			
OBS	3790	0.17	34.693	27.87			1514.4	524			
OBS	4190	0.05	34.685	27.87			1521.0	539			
OBS	4390	-0.03	34.679	27.87			1524.2	545			
OBS	4480	-0.03	34.684	27.87			1525.8	549			
ISL	0	2.16	33.986	27.17	90.54	0.000	1457.6				
ISL	10	2.11	33.985	27.17	90.34	0.009	1457.5				
ISL	20	2.07	33.984	27.18	90.05	0.018	1457.5				
ISL	30	2.02	33.984	27.18	89.76	0.027	1457.5				
ISL	50	1.95	33.986	27.19	89.20	0.045	1457.5				
ISL	75	1.90	33.988	27.19	88.76	0.067	1457.7				
ISL	100	1.88	33.994	27.20	88.24	0.089	1458.0				
ISL	125	1.86	34.036	27.23	85.00	0.111	1458.4				
ISL	150	1.86	34.079	27.27	81.83	0.132	1458.9				
ISL	200	1.86	34.164	27.34	75.55	0.171	1459.8				
ISL	250	1.86	34.231	27.39	70.71	0.208	1460.7				
ISL	300	1.85	34.281	27.43	67.07	0.242	1461.6				
ISL	400	2.01	34.395	27.51	60.21	0.306	1464.1				
ISL	500	2.16	34.490	27.57	54.81	0.363	1466.5				
ISL	600	2.27	34.567	27.63	50.52	0.416	1468.8				
ISL	700	2.28	34.628	27.67	46.60	0.465	1470.6				
ISL	800	2.25	34.672	27.71	43.49	0.510	1472.2				
ISL	900	2.21	34.703	27.74	41.33	0.552	1473.7				
ISL	1000	2.16	34.721	27.76	39.97	0.593	1475.2				
ISL	1100	2.10	34.736	27.77	38.70	0.632	1476.6				
ISL	1200	2.03	34.748	27.79	37.65	0.670	1478.0				
ISL	1300	1.96	34.754	27.80	36.93	0.707	1479.4				
ISL	1400	1.89	34.758	27.81	36.25	0.744	1480.8				
ISL	1500	1.82	34.761	27.82	35.70	0.780	1482.2				
ISL	1750	1.62	34.758	27.83	34.56	0.868	1485.5				
ISL	2000	1.35	34.750	27.84	32.85	0.952	1488.6				
ISL	2250	1.15	34.739	27.85	32.00	1.033	1492.0				
ISL	2500	0.96	34.727	27.85	31.10	1.112	1495.4				
ISL	2750	0.73	34.718	27.86	29.23	1.187	1498.7				
ISL	3000	0.52	34.712	27.87	27.25	1.258	1502.1				
ISL	3250	0.35	34.706	27.87	25.62	1.324	1505.7				
ISL	3500	0.26	34.700	27.87	24.93	1.387	1509.7				
ISL	3750	0.18	34.694	27.87	24.31	1.449	1513.8				
ISL	4000	0.11	34.689	27.87	23.57	1.509	1517.9				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1259	0		9	10	70	15.2	5327.6S	11414.9E	504	3764	1.4		367	354	13

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	3	1.96	33.993	27.19			1456.8	776			
OBS	52	1.90	33.995	27.20			1457.3	780			
OBS	101	1.40	34.016	27.25			1455.9	783			
OBS	199	1.83	34.208	27.37			1459.7	602			
OBS	396	2.17	34.467	27.55			1464.8	447			
OBS	594	2.21	34.590	27.65			1468.5	420			
OBS	793	2.20	34.678	27.72			1471.9	424			
OBS	970	2.08	34.713	27.76			1474.3	434			
OBS	1255	1.91	34.748	27.80			1478.4	456			
OBS	1640	1.60	34.757	27.83			1483.6	472			
OBS	2030	1.25	34.743	27.84			1488.7	476			
OBS	2420	0.88	34.723	27.85			1493.7	487			
OBS	2810	0.54	34.706	27.86			1499.0	498			
ISL	0	1.96	33.993	27.19	88.56	0.000	1456.7				
ISL	10	1.96	33.992	27.19	88.64	0.009	1456.9				
ISL	20	1.95	33.991	27.19	88.72	0.018	1457.0				
ISL	30	1.93	33.991	27.19	88.60	0.027	1457.1				
ISL	50	1.91	33.995	27.20	88.25	0.044	1457.3				
ISL	75	1.70	34.000	27.22	86.41	0.066	1456.8				
ISL	100	1.41	34.015	27.25	83.26	0.087	1455.9				
ISL	125	1.51	34.060	27.28	80.59	0.108	1456.9				
ISL	150	1.61	34.115	27.31	77.28	0.128	1457.8				
ISL	200	1.83	34.210	27.37	71.95	0.165	1459.7				
ISL	250	1.98	34.290	27.43	67.19	0.200	1461.3				
ISL	300	2.09	34.360	27.47	63.06	0.232	1462.7				
ISL	400	2.17	34.471	27.56	55.90	0.292	1464.9				
ISL	500	2.20	34.541	27.61	51.36	0.345	1466.8				
ISL	600	2.21	34.593	27.65	48.04	0.395	1468.6				
ISL	700	2.22	34.642	27.69	44.94	0.441	1470.3				
ISL	800	2.20	34.680	27.72	42.40	0.485	1472.0				
ISL	900	2.13	34.702	27.74	40.58	0.527	1473.4				
ISL	1000	2.06	34.718	27.76	39.22	0.567	1474.8				
ISL	1100	2.00	34.732	27.78	38.00	0.605	1476.2				
ISL	1200	1.94	34.743	27.79	37.06	0.643	1477.7				
ISL	1300	1.88	34.751	27.80	36.23	0.679	1479.1				
ISL	1400	1.80	34.756	27.81	35.49	0.715	1480.4				
ISL	1500	1.72	34.759	27.82	34.76	0.750	1481.8				
ISL	1750	1.50	34.755	27.84	33.53	0.836	1485.1				
ISL	2000	1.28	34.744	27.84	32.50	0.918	1488.3				
ISL	2250	1.04	34.731	27.85	31.27	0.998	1491.5				
ISL	2500	0.81	34.719	27.85	29.80	1.074	1494.8				
ISL	2750	0.59	34.709	27.86	28.24	1.147	1498.1				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1260	0		10	10	70	8.2	5227.7S	11405.9E	504	3895	2.0		307	314	19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	3	2.07	33.971	27.17			1457.2	778			
OBS	53	2.07	33.971	27.17			1458.0				
OBS	127	1.72	33.969	27.19			1457.7				
OBS	201	1.02	34.159	27.39			1456.1				
OBS	300	1.76	34.393	27.53			1461.3				
OBS	398	2.06	34.519	27.60			1464.4				
OBS	496	2.12	34.605	27.67			1466.4				
OBS	595	2.17	34.659	27.71			1468.4				
OBS	793	2.10	34.711	27.75			1471.4				
OBS	1100	1.91	34.748	27.80			1475.7	450			
OBS	1390	1.69	34.752	27.82			1479.6	465			
OBS	1680	1.40	34.747	27.84			1483.3	476			
OBS	1978	1.18	34.736	27.84			1487.3	477			
OBS	2375	0.83	34.719	27.85			1492.5	490			
OBS	2773	0.50	34.704	27.86			1497.9	503			
OBS	3170	0.30	34.693	27.86			1503.9	513			
OBS	3565	0.17	34.683	27.86			1510.2	529			
OBS	3760	0.16	34.683	27.86			1513.6	524			
OBS	3850	0.17	34.683	27.86			1515.2	524			
ISL	0	2.07	33.971	27.17	91.02	0.000	1457.2				
ISL	10	2.08	33.971	27.16	91.15	0.009	1457.4				
ISL	20	2.09	33.971	27.16	91.25	0.018	1457.6				
ISL	30	2.09	33.971	27.16	91.30	0.027	1457.8				
ISL	50	2.08	33.971	27.16	91.24	0.046	1458.0				
ISL	75	2.01	33.971	27.17	90.86	0.068	1458.1				
ISL	100	1.89	33.970	27.18	90.16	0.091	1458.0				
ISL	125	1.73	33.969	27.19	89.14	0.113	1457.7				
ISL	150	1.53	34.027	27.25	83.34	0.135	1457.3				
ISL	200	1.02	34.156	27.39	70.15	0.173	1456.1				
ISL	250	1.42	34.281	27.46	63.68	0.207	1458.8				
ISL	300	1.76	34.393	27.53	57.92	0.237	1461.3				
ISL	400	2.06	34.521	27.61	51.19	0.292	1464.5				
ISL	500	2.12	34.608	27.67	45.67	0.340	1466.5				
ISL	600	2.17	34.661	27.71	42.61	0.384	1468.4				
ISL	700	2.15	34.695	27.74	40.38	0.426	1470.0				
ISL	800	2.10	34.712	27.76	39.05	0.466	1471.5				
ISL	900	2.04	34.729	27.77	37.77	0.504	1473.0				
ISL	1000	1.98	34.741	27.79	36.68	0.541	1474.4				
ISL	1100	1.91	34.748	27.80	35.92	0.577	1475.7				
ISL	1200	1.84	34.753	27.81	35.31	0.613	1477.1				
ISL	1300	1.76	34.752	27.81	34.94	0.648	1478.5				
ISL	1400	1.68	34.752	27.82	34.48	0.683	1479.8				
ISL	1500	1.58	34.751	27.83	33.89	0.717	1481.0				
ISL	1750	1.35	34.745	27.84	32.54	0.800	1484.2				
ISL	2000	1.16	34.735	27.84	31.84	0.881	1487.6				
ISL	2250	0.94	34.724	27.85	30.58	0.959	1490.9				
ISL	2500	0.72	34.714	27.85	29.17	1.033	1494.2				
ISL	2750	0.52	34.705	27.86	27.59	1.104	1497.6				
ISL	3000	0.37	34.697	27.86	26.43	1.172	1501.2				
ISL	3250	0.27	34.691	27.86	25.62	1.237	1505.1				
ISL	3500	0.18	34.684	27.86	24.97	1.300	1509.1				
ISL	3750	0.16	34.683	27.86	24.74	1.362	1513.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1261	0		10	10	70	16.1	5129.8S	11416.1E	504	3491	1.2		286	284	18

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	3	2.66	33.941	27.09			1459.7	759			
OBS	52	2.59	33.945	27.10			1460.3	761			
OBS	125	1.76	33.984	27.20			1457.9	751			
OBS	198	1.40	34.039	27.27			1457.6	729			
OBS	295	1.45	34.220	27.41			1459.6	609			
OBS	393	1.89	34.374	27.50			1463.4	493			
OBS	491	2.07	34.485	27.58			1466.0	436			
OBS	590	2.17	34.553	27.62			1468.2	417			
OBS	789	2.27	34.663	27.70			1472.1	419			
OBS	1215	1.99	34.737	27.78			1478.1	445			
OBS	1505	1.74	34.750	27.81			1481.9	458			
OBS	1785	1.47	34.743	27.83			1485.5				
OBS	2165	1.21	34.731	27.84			1490.8	477			
OBS	2535	1.08	34.711	27.83			1496.6	489			
OBS	2915	0.45	34.696	27.86			1500.4	511			
OBS	3210	0.29	34.689	27.86			1504.8	519			
OBS	3505	0.25	34.688	27.86			1509.8	519			
OBS	3595	0.23	34.683	27.86			1511.3	519			
ISL	0	2.66	33.941	27.09	97.87	0.000	1459.7				
ISL	10	2.67	33.941	27.09	97.98	0.010	1459.9				
ISL	20	2.66	33.941	27.09	98.04	0.020	1460.0				
ISL	30	2.65	33.941	27.09	97.92	0.029	1460.2				
ISL	50	2.60	33.944	27.10	97.35	0.049	1460.3				
ISL	75	2.35	33.954	27.13	94.80	0.073	1459.6				
ISL	100	2.00	33.967	27.17	91.11	0.096	1458.5				
ISL	125	1.76	33.984	27.20	88.18	0.119	1457.9				
ISL	150	1.59	34.000	27.22	85.83	0.140	1457.6				
ISL	200	1.40	34.042	27.27	81.41	0.182	1457.6				
ISL	250	1.36	34.138	27.35	73.96	0.221	1458.4				
ISL	300	1.46	34.229	27.42	68.04	0.256	1459.8				
ISL	400	1.91	34.383	27.51	60.24	0.321	1463.6				
ISL	500	2.08	34.493	27.58	53.93	0.378	1466.2				
ISL	600	2.18	34.559	27.63	50.26	0.430	1468.4				
ISL	700	2.24	34.619	27.67	46.90	0.478	1470.4				
ISL	800	2.27	34.667	27.71	44.10	0.524	1472.3				
ISL	900	2.24	34.703	27.74	41.59	0.567	1473.8				
ISL	1000	2.16	34.716	27.75	40.30	0.608	1475.2				
ISL	1100	2.08	34.725	27.77	39.32	0.647	1476.5				
ISL	1200	2.00	34.736	27.78	38.22	0.686	1477.9				
ISL	1300	1.92	34.744	27.79	37.23	0.724	1479.2				
ISL	1400	1.84	34.748	27.80	36.37	0.761	1480.6				
ISL	1500	1.74	34.750	27.81	35.67	0.797	1481.9				
ISL	1750	1.50	34.744	27.83	34.33	0.884	1485.0				
ISL	2000	1.31	34.737	27.83	33.37	0.969	1488.4				
ISL	2250	1.17	34.727	27.84	33.14	1.052	1492.1				
ISL	2500	1.10	34.713	27.83	33.89	1.136	1496.1				
ISL	2750	0.70	34.702	27.85	30.09	1.216	1498.6				
ISL	3000	0.38	34.693	27.86	26.83	1.287	1501.5				
ISL	3250	0.28	34.689	27.86	26.01	1.353	1505.5				
ISL	3500	0.25	34.688	27.86	25.64	1.418	1509.7				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1262	0		11	10	70	5.3	5033.6S	11427.0E	504	3380	2.6		276	254	18

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	3	3.32	33.914	27.01			1462.6	750			
OBS	50	3.31	33.913	27.01			1463.3				
OBS	120	2.83	33.937	27.08			1462.4				
OBS	188	2.17	33.989	27.17			1460.7				
OBS	279	2.64	34.181	27.29			1464.5				
OBS	373	2.30	34.256	27.37			1464.7				
OBS	468	2.23	34.367	27.47			1466.1				
OBS	668	2.32	34.504	27.57			1470.0				
OBS	868	2.41	34.626	27.66			1473.9				
OBS	1200	2.25	34.711	27.74			1478.9				
OBS	1368	2.15	34.736	27.77			1481.3				
OBS	1640	1.91	34.753	27.80			1484.8				
OBS	2085	1.68	34.751	27.82			1491.4				
OBS	2185	1.40	34.741	27.83			1491.8				
OBS	2539	1.03	34.723	27.84			1496.2				
OBS	2885	0.80	34.714	27.85			1501.2				
OBS	3025	0.60	34.702	27.85			1502.7				
OBS	3115	0.51	34.694	27.85			1503.9				
ISL	0	3.32	33.914	27.01	105.50	0.000	1462.5				
ISL	10	3.33	33.913	27.01	105.75	0.011	1462.7				
ISL	20	3.34	33.912	27.01	105.98	0.021	1462.9				
ISL	30	3.34	33.912	27.01	106.06	0.032	1463.1				
ISL	50	3.31	33.913	27.01	105.81	0.053	1463.3				
ISL	75	3.20	33.918	27.03	104.59	0.079	1463.2				
ISL	100	3.00	33.927	27.05	102.33	0.105	1462.8				
ISL	125	2.79	33.940	27.08	99.68	0.130	1462.3				
ISL	150	2.55	33.952	27.11	96.87	0.155	1461.7				
ISL	200	2.17	34.008	27.19	89.82	0.202	1460.9				
ISL	250	2.58	34.128	27.25	84.34	0.245	1463.7				
ISL	300	2.57	34.198	27.31	79.36	0.286	1464.6				
ISL	400	2.26	34.284	27.40	70.62	0.361	1465.0				
ISL	500	2.24	34.396	27.49	62.62	0.428	1466.7				
ISL	600	2.29	34.460	27.54	58.69	0.488	1468.7				
ISL	700	2.33	34.525	27.59	54.81	0.545	1470.6				
ISL	800	2.38	34.590	27.63	50.84	0.598	1472.6				
ISL	900	2.41	34.640	27.67	48.02	0.647	1474.4				
ISL	1000	2.36	34.673	27.70	45.61	0.694	1475.9				
ISL	1100	2.30	34.691	27.72	44.17	0.739	1477.4				
ISL	1200	2.25	34.711	27.74	42.65	0.782	1478.8				
ISL	1300	2.19	34.727	27.76	41.33	0.824	1480.3				
ISL	1400	2.13	34.739	27.77	40.17	0.865	1481.7				
ISL	1500	2.04	34.747	27.79	39.08	0.905	1483.0				
ISL	1750	1.83	34.757	27.81	37.15	1.000	1486.4				
ISL	2000	1.71	34.756	27.82	36.66	1.092	1490.1				
ISL	2250	1.28	34.736	27.84	33.74	1.180	1492.4				
ISL	2500	1.06	34.724	27.84	32.53	1.263	1495.7				
ISL	2750	0.88	34.717	27.85	31.30	1.343	1499.2				
ISL	3000	0.63	34.704	27.85	29.29	1.419	1502.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1263	0		12	10	70	11.7	4930.7S	11429.8E	468	3184	3.4		267	264	16

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	5	3.83	33.941	26.98			1464.8	742			
OBS	50	3.49	33.925	27.01			1464.1	744			
OBS	95	3.21	33.939	27.04			1463.6	743			
OBS	140	3.19	33.971	27.07			1464.3	722			
OBS	220	4.08	34.184	27.15			1469.7	584			
OBS	315	3.26	34.200	27.25			1467.8	575			
OBS	505	2.51	34.288	27.38			1467.9	526			
OBS	785	2.37	34.484	27.55			1472.2	433			
OBS	1069	2.36	34.628	27.67			1477.1	410			
OBS	1355	2.24	34.714	27.75			1481.5	429			
OBS	1640	2.00	34.735	27.78			1485.3	444			
OBS	2015	1.72	34.755	27.82			1490.5	466			
OBS	2391	1.32	34.741	27.84			1495.2	473			
OBS	2735	1.01	34.724	27.84			1499.7	481			
OBS	2935	0.91	34.722	27.85			1502.7	488			
OBS	3025	0.82	34.714	27.85			1503.9	492			
ISL	0	3.83	33.941	26.98	108.15	0.000	1464.7				
ISL	10	3.79	33.938	26.99	108.06	0.011	1464.7				
ISL	20	3.71	33.933	26.99	107.79	0.022	1464.5				
ISL	30	3.63	33.929	26.99	107.44	0.032	1464.3				
ISL	50	3.49	33.925	27.01	106.56	0.054	1464.1				
ISL	75	3.31	33.930	27.03	104.80	0.080	1463.7				
ISL	100	3.19	33.942	27.05	102.94	0.106	1463.6				
ISL	125	3.16	33.953	27.06	101.92	0.132	1463.9				
ISL	150	3.25	33.989	27.08	100.23	0.157	1464.8				
ISL	200	3.92	34.143	27.14	95.56	0.206	1468.7				
ISL	250	3.81	34.191	27.18	91.27	0.253	1469.1				
ISL	300	3.38	34.197	27.23	86.92	0.297	1468.1				
ISL	400	2.80	34.231	27.31	79.45	0.380	1467.3				
ISL	500	2.52	34.285	27.38	73.42	0.457	1467.8				
ISL	600	2.41	34.351	27.44	67.97	0.528	1469.1				
ISL	700	2.39	34.429	27.51	62.49	0.593	1470.8				
ISL	800	2.37	34.493	27.56	57.98	0.653	1472.4				
ISL	900	2.36	34.549	27.60	54.30	0.709	1474.2				
ISL	1000	2.37	34.598	27.64	51.26	0.762	1475.9				
ISL	1100	2.35	34.640	27.68	48.45	0.812	1477.6				
ISL	1200	2.32	34.675	27.71	46.04	0.859	1479.2				
ISL	1300	2.27	34.702	27.73	44.04	0.904	1480.7				
ISL	1400	2.20	34.720	27.75	42.45	0.947	1482.1				
ISL	1500	2.12	34.726	27.76	41.51	0.989	1483.4				
ISL	1750	1.91	34.742	27.79	39.15	1.090	1486.8				
ISL	2000	1.73	34.755	27.82	37.06	1.185	1490.3				
ISL	2250	1.46	34.747	27.83	35.17	1.276	1493.4				
ISL	2500	1.21	34.736	27.84	33.55	1.362	1496.6				
ISL	2750	1.00	34.724	27.84	32.31	1.444	1499.9				
ISL	3000	0.85	34.716	27.85	31.22	1.523	1503.6				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1264	0		14	10	70	9.3	4733.6S	11426.2E	468	3691	4.9		274	253	19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	8.87	34.599	26.85			1485.7	647			
OBS	77	8.77	34.589	26.85			1486.6	647			
OBS	152	8.65	34.571	26.86			1487.3	648			
OBS	202	8.56	34.569	26.87			1487.8	647			
OBS	252	8.40	34.517	26.85			1488.0	648			
OBS	302	8.77	34.634	26.89			1490.3	576			
OBS	401	6.84	34.319	26.93			1484.1	619			
OBS	500	7.19	34.502	27.02			1487.4	497			
OBS	599	6.01	34.415	27.11			1484.2	489			
OBS	798	4.20	34.352	27.27			1480.0	493			
OBS	1014	3.29	34.390	27.39			1479.8	458			
OBS	1304	2.77	34.519	27.54			1482.6	412			
OBS	1695	2.46	34.664	27.69			1488.1	415			
OBS	2085	2.25	34.734	27.76			1493.9	438			
OBS	2575	1.84	34.758	27.81			1500.6	465			
OBS	2965	1.43	34.742	27.83			1505.5	475			
OBS	3360	1.18	34.733	27.84			1511.3	478			
OBS	3655	1.11	34.725	27.84			1516.1	483			
OBS	3845	1.11	34.727	27.84			1519.5	483			
ISL	0	8.87	34.599	26.85	121.36	0.000	1485.7				
ISL	10	8.86	34.598	26.85	121.47	0.012	1485.8				
ISL	20	8.85	34.597	26.85	121.56	0.024	1485.9				
ISL	30	8.83	34.596	26.85	121.65	0.036	1486.1				
ISL	50	8.81	34.593	26.85	121.84	0.061	1486.3				
ISL	75	8.77	34.589	26.85	122.03	0.091	1486.6				
ISL	100	8.74	34.584	26.86	122.34	0.122	1486.8				
ISL	125	8.70	34.578	26.86	122.70	0.152	1487.1				
ISL	150	8.65	34.571	26.86	123.01	0.183	1487.3				
ISL	200	8.56	34.570	26.87	122.71	0.245	1487.8				
ISL	250	8.40	34.516	26.85	125.10	0.307	1487.9				
ISL	300	8.77	34.632	26.89	123.14	0.369	1490.3				
ISL	400	6.85	34.320	26.93	119.76	0.490	1484.1				
ISL	500	7.19	34.502	27.02	112.62	0.606	1487.4				
ISL	600	6.00	34.414	27.11	104.06	0.715	1484.2				
ISL	700	4.98	34.367	27.20	95.73	0.814	1481.6				
ISL	800	4.19	34.352	27.27	88.16	0.906	1480.0				
ISL	900	3.65	34.358	27.33	82.30	0.992	1479.4				
ISL	1000	3.33	34.386	27.39	77.40	1.072	1479.7				
ISL	1100	3.06	34.430	27.45	71.75	1.146	1480.3				
ISL	1200	2.90	34.474	27.50	67.25	1.216	1481.4				
ISL	1300	2.78	34.517	27.54	63.28	1.281	1482.6				
ISL	1400	2.65	34.559	27.59	59.40	1.342	1483.8				
ISL	1500	2.59	34.600	27.63	56.14	1.400	1485.2				
ISL	1750	2.42	34.678	27.70	49.88	1.532	1488.9				
ISL	2000	2.30	34.725	27.75	46.18	1.653	1492.7				
ISL	2250	2.13	34.749	27.78	43.38	1.764	1496.2				
ISL	2500	1.91	34.758	27.81	40.94	1.870	1499.6				
ISL	2750	1.67	34.750	27.82	39.11	1.970	1502.8				
ISL	3000	1.40	34.741	27.83	36.92	2.065	1506.0				
ISL	3250	1.23	34.736	27.84	35.58	2.156	1509.6				
ISL	3500	1.14	34.729	27.84	35.18	2.244	1513.5				
ISL	3750	1.11	34.725	27.84	35.50	2.332	1517.8				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1265	0		15	10	70	17.6	4503.4S	11421.0E	468	4078	6.9		255	343	19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	3	9.24	34.646	26.82			1487.2	649			
OBS	100	9.17	34.647	26.83			1488.5	640			
OBS	197	9.12	34.637	26.83			1489.9	657			
OBS	294	9.11	34.646	26.84			1491.5	620			
OBS	392	8.87	34.615	26.86			1492.1	616			
OBS	490	9.06	34.688	26.88			1494.6	570			
OBS	588	8.26	34.637	26.97			1493.1	543			
OBS	685	7.42	34.519	27.00			1491.3	521			
OBS	782	6.41	34.449	27.09			1488.9	492			
OBS	978	4.53	34.358	27.24			1484.3	499			
OBS	1353	3.03	34.455	27.47			1484.4	446			
OBS	1645	2.67	34.580	27.60			1488.0	407			
OBS	1939	2.50	34.676	27.69			1492.3	412			
OBS	2227	2.31	34.735	27.76			1496.5	443			
OBS	2615	1.98	34.764	27.81			1501.7	465			
OBS	3010	1.56	34.752	27.83			1506.7	481			
OBS	3405	1.28	34.736	27.84			1512.4	486			
OBS	3800	1.08	34.729	27.84			1518.4	479			
OBS	4185	0.98	34.719	27.84			1524.7	487			
ISL	0	9.24	34.646	26.82	123.52	0.000	1487.1				
ISL	10	9.23	34.646	26.82	123.63	0.012	1487.3				
ISL	20	9.23	34.646	26.83	123.68	0.025	1487.4				
ISL	30	9.22	34.647	26.83	123.74	0.037	1487.6				
ISL	50	9.20	34.647	26.83	123.88	0.062	1487.8				
ISL	75	9.19	34.647	26.83	124.12	0.093	1488.2				
ISL	100	9.17	34.647	26.83	124.36	0.124	1488.5				
ISL	125	9.15	34.645	26.84	124.74	0.155	1488.9				
ISL	150	9.14	34.643	26.84	125.23	0.186	1489.2				
ISL	200	9.12	34.637	26.83	126.30	0.249	1490.0				
ISL	250	9.11	34.640	26.84	126.95	0.312	1490.7				
ISL	300	9.10	34.645	26.84	127.40	0.376	1491.5				
ISL	400	8.87	34.617	26.86	127.72	0.504	1492.3				
ISL	500	9.00	34.688	26.89	126.60	0.631	1494.5				
ISL	600	8.16	34.626	26.98	119.63	0.754	1492.9				
ISL	700	7.27	34.506	27.01	116.65	0.872	1491.0				
ISL	800	6.23	34.438	27.10	108.10	0.984	1488.4				
ISL	900	5.22	34.384	27.18	99.68	1.088	1485.9				
ISL	1000	4.37	34.354	27.26	92.08	1.184	1484.0				
ISL	1100	3.77	34.364	27.33	84.85	1.273	1483.2				
ISL	1200	3.39	34.401	27.39	78.36	1.354	1483.3				
ISL	1300	3.16	34.437	27.44	73.74	1.430	1484.1				
ISL	1400	2.93	34.473	27.49	69.01	1.502	1484.8				
ISL	1500	2.79	34.520	27.54	64.46	1.568	1485.9				
ISL	1750	2.61	34.618	27.64	56.48	1.720	1489.5				
ISL	2000	2.46	34.691	27.71	50.64	1.853	1493.2				
ISL	2250	2.29	34.738	27.76	46.28	1.975	1496.8				
ISL	2500	2.09	34.761	27.80	43.06	2.086	1500.2				
ISL	2750	1.85	34.761	27.81	40.76	2.191	1503.5				
ISL	3000	1.57	34.752	27.83	38.44	2.290	1506.6				
ISL	3250	1.37	34.743	27.83	37.11	2.385	1510.1				
ISL	3500	1.22	34.734	27.84	36.13	2.476	1513.7				
ISL	3750	1.10	34.730	27.84	35.12	2.565	1517.6				
ISL	4000	1.02	34.724	27.84	34.74	2.652	1521.6				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1266	0		18	10	70	7.1	4234.3S	11427.1E	468	4334	8.1		247	254	19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	3	9.62	34.721	26.82			1488.7	645			
OBS	102	9.66	34.721	26.81			1490.5	642			
OBS	201	9.67	34.724	26.81			1492.1	640			
OBS	300	9.59	34.717	26.82			1493.5	643			
OBS	448	9.45	34.717	26.84			1495.4	638			
OBS	506	8.80	34.667	26.91			1493.9	573			
OBS	694	8.00	34.570	26.96			1493.8	525			
OBS	792	6.88	34.494	27.06			1491.0	491			
OBS	890	5.92	34.418	27.12			1488.7	492			
OBS	1083	4.10	34.358	27.29			1484.4				
OBS	1360	3.15	34.436	27.44			1485.1				
OBS	1648	2.67	34.442	27.49			1488.0				
OBS	2040	2.49	34.581	27.62			1494.0				
OBS	2430	2.15	34.601	27.66			1499.3				
OBS	2935	1.70	34.744	27.81			1506.3				
OBS	3435	1.16	34.732	27.84			1512.6				
OBS	3840	0.94	34.721	27.85			1518.8				
OBS	4140	0.85	34.714	27.85			1523.7				
OBS	4430	0.87	34.713	27.84			1529.0				
ISL	0	9.62	34.721	26.82	123.93	0.000	1488.6				
ISL	10	9.62	34.721	26.82	124.20	0.012	1488.8				
ISL	20	9.63	34.721	26.82	124.51	0.025	1489.0				
ISL	30	9.63	34.721	26.82	124.78	0.037	1489.2				
ISL	50	9.64	34.721	26.81	125.34	0.062	1489.6				
ISL	75	9.65	34.721	26.81	126.02	0.094	1490.0				
ISL	100	9.66	34.721	26.81	126.66	0.125	1490.4				
ISL	125	9.67	34.721	26.81	127.24	0.157	1490.9				
ISL	150	9.67	34.722	26.81	127.85	0.189	1491.3				
ISL	200	9.67	34.724	26.81	128.71	0.253	1492.1				
ISL	250	9.63	34.720	26.82	129.44	0.318	1492.8				
ISL	300	9.59	34.717	26.82	129.97	0.382	1493.5				
ISL	400	9.50	34.717	26.83	130.58	0.513	1494.8				
ISL	500	8.86	34.672	26.90	125.49	0.641	1494.0				
ISL	600	8.39	34.620	26.94	123.68	0.765	1493.8				
ISL	700	7.94	34.565	26.96	122.44	0.888	1493.7				
ISL	800	6.80	34.488	27.06	112.51	1.006	1490.8				
ISL	900	5.82	34.412	27.13	105.67	1.115	1488.5				
ISL	1000	4.86	34.371	27.21	97.05	1.216	1486.2				
ISL	1100	3.99	34.359	27.30	87.89	1.309	1484.2				
ISL	1200	3.53	34.397	27.38	80.29	1.393	1484.0				
ISL	1300	3.30	34.424	27.42	76.23	1.471	1484.7				
ISL	1400	3.06	34.441	27.46	72.78	1.546	1485.4				
ISL	1500	2.86	34.442	27.47	71.00	1.618	1486.3				
ISL	1750	2.62	34.469	27.52	67.56	1.791	1489.5				
ISL	2000	2.52	34.572	27.61	59.97	1.950	1493.4				
ISL	2250	2.31	34.587	27.64	57.47	2.097	1496.9				
ISL	2500	2.09	34.614	27.68	53.69	2.236	1500.2				
ISL	2750	1.87	34.696	27.76	45.80	2.360	1503.7				
ISL	3000	1.63	34.743	27.82	40.03	2.468	1507.1				
ISL	3250	1.37	34.737	27.83	37.44	2.564	1510.3				
ISL	3500	1.11	34.730	27.84	34.81	2.655	1513.6				
ISL	3750	0.98	34.723	27.85	33.74	2.740	1517.4				
ISL	4000	0.88	34.717	27.85	33.13	2.824	1521.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1267	0		20	10	70	1.9	4033.2S	11435.0E	468	4407	8.4		186	234	19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	3	10.05	34.747	26.77			1490.3	642			
OBS	102	10.05	34.748	26.77			1491.9	635			
OBS	201	9.73	34.733	26.81			1492.4	629			
OBS	300	9.47	34.717	26.84			1493.0	627			
OBS	498	9.19	34.680	26.86			1495.2	576			
OBS	696	8.14	34.577	26.94			1494.4	546			
OBS	795	7.22	34.495	27.01			1492.4	490			
OBS	894	6.07	34.426	27.11			1489.4	473			
OBS	993	4.99	34.370	27.20			1486.6	478			
OBS	1092	4.14	34.358	27.28			1484.7	478			
OBS	1280	3.34	34.442	27.43			1484.6	423			
OBS	1710	2.70	34.613	27.63			1489.3	386			
OBS	2105	2.43	34.702	27.72			1495.0	417			
OBS	2500	2.12	34.744	27.78			1500.5	435			
OBS	2995	1.65	34.751	27.82			1507.1	464			
OBS	3495	1.14	34.728	27.84			1513.6	481			
OBS	3895	0.87	34.712	27.84			1519.4	489			
OBS	4295	0.82	34.708	27.84			1526.3	488			
OBS	4585	0.87	34.709	27.84			1531.7	490			
ISL	0	10.05	34.747	26.77	128.92	0.000	1490.2				
ISL	10	10.06	34.747	26.76	129.23	0.013	1490.4				
ISL	20	10.07	34.748	26.76	129.57	0.026	1490.6				
ISL	30	10.07	34.749	26.76	129.84	0.039	1490.8				
ISL	50	10.08	34.749	26.76	130.34	0.065	1491.2				
ISL	75	10.07	34.749	26.76	130.78	0.097	1491.6				
ISL	100	10.05	34.748	26.77	131.05	0.130	1491.9				
ISL	125	9.97	34.745	26.78	130.47	0.163	1492.0				
ISL	150	9.89	34.741	26.79	130.01	0.195	1492.1				
ISL	200	9.73	34.733	26.81	129.06	0.260	1492.4				
ISL	250	9.59	34.725	26.83	128.39	0.325	1492.7				
ISL	300	9.47	34.717	26.84	128.01	0.389	1493.0				
ISL	400	9.29	34.700	26.86	128.41	0.517	1494.0				
ISL	500	9.18	34.679	26.86	130.13	0.646	1495.2				
ISL	600	8.77	34.636	26.89	128.42	0.775	1495.2				
ISL	700	8.11	34.574	26.94	124.36	0.902	1494.3				
ISL	800	7.17	34.491	27.02	117.70	1.023	1492.2				
ISL	900	6.00	34.422	27.12	107.41	1.135	1489.2				
ISL	1000	4.92	34.368	27.21	98.06	1.238	1486.4				
ISL	1100	4.09	34.361	27.29	88.95	1.332	1484.6				
ISL	1200	3.55	34.406	27.38	79.92	1.416	1484.1				
ISL	1300	3.28	34.451	27.44	74.05	1.493	1484.7				
ISL	1400	3.02	34.493	27.50	68.57	1.564	1485.3				
ISL	1500	2.91	34.536	27.54	64.72	1.631	1486.6				
ISL	1750	2.67	34.625	27.64	56.77	1.783	1489.9				
ISL	2000	2.50	34.684	27.70	51.69	1.918	1493.5				
ISL	2250	2.32	34.722	27.74	47.85	2.043	1497.1				
ISL	2500	2.12	34.744	27.78	44.73	2.159	1500.5				
ISL	2750	1.89	34.753	27.80	42.02	2.267	1503.9				
ISL	3000	1.65	34.751	27.82	39.61	2.369	1507.1				
ISL	3250	1.39	34.739	27.83	37.61	2.466	1510.4				
ISL	3500	1.14	34.728	27.84	35.30	2.557	1513.6				
ISL	3750	0.95	34.717	27.84	33.74	2.643	1517.2				
ISL	4000	0.84	34.710	27.84	32.97	2.726	1521.1				
ISL	4500	0.85	34.708	27.84	33.87	2.894	1530.1				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1268	0		21	10	70	4.3	3802.0S	11430.4E	432	4334	12.2		344	343	19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	12.63	35.213	26.65			1499.9	609			
OBS	101	12.37	35.183	26.68			1500.6	603			
OBS	200	11.71	35.077	26.72			1499.8	598			
OBS	299	10.94	34.946	26.76			1498.6	591			
OBS	497	9.20	34.716	26.88			1495.2	572			
OBS	595	8.83	34.667	26.90			1495.4	575			
OBS	692	8.50	34.621	26.92			1495.7	569			
OBS	787	7.87	34.554	26.96			1494.8	517			
OBS	882	6.60	34.456	27.07			1491.3	465			
OBS	1085	4.69	34.390	27.25			1486.8	456			
OBS	1272	3.41	34.451	27.43			1484.7	414			
OBS	1580	2.85	34.570	27.58			1487.6	380			
OBS	1975	2.51	34.690	27.70			1493.0	382			
OBS	2375	2.23	34.728	27.76			1498.7	409			
OBS	2775	1.92	34.743	27.79			1504.2	431			
OBS	3272	1.54	34.740	27.82			1511.2	461			
OBS	3669	1.26	34.728	27.83			1516.9	467			
OBS	4066	0.99	34.714	27.84			1522.7	483			
OBS	4353	0.89	34.711	27.84			1527.4	489			
ISL	0	12.63	35.213	26.65	139.90	0.000	1499.9				
ISL	10	12.62	35.213	26.65	140.00	0.014	1500.0				
ISL	20	12.61	35.212	26.65	140.06	0.028	1500.1				
ISL	30	12.59	35.211	26.66	140.09	0.042	1500.3				
ISL	50	12.55	35.207	26.66	140.12	0.070	1500.4				
ISL	75	12.47	35.197	26.67	140.05	0.105	1500.6				
ISL	100	12.37	35.184	26.68	139.89	0.140	1500.6				
ISL	125	12.24	35.163	26.69	139.56	0.175	1500.6				
ISL	150	12.08	35.138	26.70	138.96	0.210	1500.4				
ISL	200	11.71	35.077	26.72	137.96	0.279	1499.8				
ISL	250	11.33	35.010	26.74	137.27	0.348	1499.3				
ISL	300	10.93	34.945	26.76	136.08	0.416	1498.6				
ISL	400	10.08	34.819	26.82	132.78	0.551	1497.0				
ISL	500	9.19	34.714	26.88	127.60	0.681	1495.2				
ISL	600	8.81	34.665	26.91	127.09	0.808	1495.4				
ISL	700	8.46	34.616	26.92	126.81	0.935	1495.7				
ISL	800	7.73	34.542	26.98	122.40	1.060	1494.4				
ISL	900	6.39	34.443	27.08	111.34	1.177	1490.7				
ISL	1000	5.36	34.396	27.18	101.73	1.283	1488.2				
ISL	1100	4.57	34.391	27.26	92.76	1.380	1486.6				
ISL	1200	3.83	34.425	27.37	81.90	1.468	1485.2				
ISL	1300	3.28	34.461	27.45	73.37	1.545	1484.6				
ISL	1400	3.08	34.499	27.50	68.75	1.616	1485.5				
ISL	1500	2.95	34.540	27.54	64.90	1.683	1486.7				
ISL	1750	2.68	34.630	27.64	56.52	1.835	1489.8				
ISL	2000	2.49	34.694	27.71	50.77	1.969	1493.3				
ISL	2250	2.32	34.720	27.74	47.97	2.092	1496.9				
ISL	2500	2.13	34.735	27.77	45.56	2.209	1500.4				
ISL	2750	1.94	34.743	27.79	43.40	2.321	1503.9				
ISL	3000	1.75	34.744	27.81	41.51	2.427	1507.4				
ISL	3250	1.56	34.740	27.82	39.85	2.528	1510.9				
ISL	3500	1.38	34.734	27.83	38.41	2.626	1514.4				
ISL	3750	1.20	34.725	27.83	37.00	2.721	1518.1				
ISL	4000	1.03	34.716	27.84	35.46	2.811	1521.7				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 45	1269	0		22	10	70	3.7	3555.7S	11433.8E	432	5203	13.4		203	192	20

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	13.65	35.309	26.52			1503.4	621			
OBS	102	12.92	35.289	26.65			1502.6	597			
OBS	202	12.05	35.164	26.73			1501.2	629			
OBS	302	10.15	34.834	26.82			1495.7	563			
OBS	502	8.95	34.678	26.89			1494.4	565			
OBS	601	8.68	34.650	26.92			1494.9	580			
OBS	699	8.19	34.580	26.94			1494.6	569			
OBS	797	7.20	34.494	27.01			1492.3	508			
OBS	995	4.67	34.394	27.25			1485.3	460			
OBS	1193	3.59	34.451	27.41			1484.2	419			
OBS	1365	3.19	34.509	27.50			1485.4				
OBS	1742	2.67	34.641	27.65			1489.8				
OBS	2125	2.37	34.715	27.74			1495.1				
OBS	2495	2.04	34.735	27.78			1500.0	416			
OBS	2875	1.80	34.747	27.81			1505.6	432			
OBS	3255	1.50	34.738	27.82			1510.9	458			
OBS	3655	1.31	34.728	27.83			1517.0	461			
OBS	4055	1.14	34.713	27.83			1523.3	461			
OBS	4450	0.97	34.716	27.84			1529.6	483			
OBS	4835	0.98	34.713	27.84			1536.6	482			
ISL	0	13.65	35.309	26.52	152.52	0.000	1503.4				
ISL	10	13.60	35.312	26.53	151.60	0.015	1503.4				
ISL	20	13.54	35.314	26.54	150.43	0.030	1503.4				
ISL	30	13.47	35.315	26.56	149.30	0.045	1503.3				
ISL	50	13.33	35.314	26.59	147.20	0.075	1503.2				
ISL	75	13.14	35.306	26.62	144.77	0.111	1502.9				
ISL	100	12.94	35.290	26.65	142.71	0.147	1502.7				
ISL	125	12.74	35.274	26.68	140.79	0.183	1502.4				
ISL	150	12.54	35.252	26.70	139.30	0.218	1502.1				
ISL	200	12.08	35.168	26.72	138.01	0.287	1501.2				
ISL	250	11.18	35.013	26.77	134.30	0.355	1498.7				
ISL	300	10.18	34.839	26.81	130.83	0.422	1495.8				
ISL	400	9.36	34.728	26.87	127.51	0.551	1494.3				
ISL	500	8.96	34.679	26.89	126.49	0.678	1494.3				
ISL	600	8.68	34.650	26.91	126.06	0.804	1494.9				
ISL	700	8.18	34.579	26.94	125.13	0.930	1494.6				
ISL	800	7.17	34.492	27.02	117.65	1.051	1492.2				
ISL	900	5.96	34.424	27.13	106.63	1.163	1489.0				
ISL	1000	4.63	34.394	27.26	92.33	1.263	1485.2				
ISL	1100	3.92	34.422	27.36	82.43	1.350	1484.0				
ISL	1200	3.57	34.453	27.42	76.60	1.429	1484.2				
ISL	1300	3.31	34.487	27.47	71.75	1.504	1484.8				
ISL	1400	3.12	34.521	27.51	67.70	1.573	1485.7				
ISL	1500	2.95	34.556	27.56	63.79	1.639	1486.8				
ISL	1750	2.66	34.643	27.65	55.30	1.788	1489.9				
ISL	2000	2.47	34.697	27.71	50.33	1.920	1493.4				
ISL	2250	2.26	34.725	27.75	46.85	2.041	1496.8				
ISL	2500	2.04	34.735	27.78	44.24	2.155	1500.1				
ISL	2750	1.89	34.745	27.80	42.49	2.264	1503.8				
ISL	3000	1.71	34.744	27.81	40.96	2.368	1507.3				
ISL	3250	1.50	34.738	27.82	39.27	2.468	1510.8				
ISL	3500	1.38	34.732	27.83	38.56	2.566	1514.6				
ISL	3750	1.27	34.725	27.83	38.04	2.661	1518.5				
ISL	4000	1.16	34.715	27.83	37.65	2.756	1522.5				
ISL	4500	0.96	34.716	27.84	35.25	2.938	1530.5				

BOTTOM CAMERA, NEPHELOMETER AND CURRENT METER TABLES

Bottom photograph, current meter and nephelometer station data are summarized in Tables 1 - 5 and ship station locations appear in Fig. 3. Camera, current meter and nephelometer station numbers may differ at particular ship stations. GMT is the time of first ocean bottom contact or, on a few stations where the instruments did not reach bottom, the time of maximum wire out. Station coordinates and depths are at GMT. Depth, in meters, on each station was obtained from the Precision Depth Recorder and corrected for sound velocity variations. Current meter directions (DIR) have been averaged from the two compasses except as noted, where C refers to the current meter compass and K to the bottom camera compass. Current velocities (VEL) are in cm/sec.

Table I Cruise 37 Camera and Current Meter Stations

SHIP STA	DATE	GMT	LATITUDE	LONGITUDE	DEPTH	CAMERA STA	CURRENT METER STA	CURRENT METER DIR	CURRENT METER VEL
37-02	16 Jan 69	0650	53°27'S	159°55'E	4779	1 *			
37-03	18 Jan 69	1130	58°12'S	157°09'E	5794	2 *			
37-04	20 Jan 69	0522	63°06'S	158°09'E	2442	3 *			
37-05	22 Jan 69	1820	65°15'S	155°59'E	3222	4 *			
37-06	23 Jan 69	1900	64°37'S	152°26'E	3321	5 *			
37-07	24 Jan 69	1527	64°48'S	150°36'E	3325	6 *			
37-08	25 Jan 69	0705	65°31'S	147°31'E	3000	7 *			
37-09	27 Jan 69	0010	65°55'S	144°55'E	2073	8	1	191C	>15.0
37-13	28 Jan 69	0727	65°32'S	143°53'E	2405	9 *			
37-16	29 Jan 69	1145	66°11'S	142°32'E	330	10			
37-17	30 Jan 69	0146	64°52'S	142°28'E	3151	11			
37-18	30 Jan 69	1634	65°17'S	140°53'E	2200	12	4	153C	8.8
37-21	31 Jan 69	1748	65°55'S	138°54'E	594	13	5	106C	7.0
37-21	01 Feb 69	1940	65°56'S	138°54'E	655	14	6	170C	>15.0
37-23	02 Feb 69	1843	65°14'S	137°52'E	2238	15	7	305	5.2
37-24	03 Feb 69	1015	64°32'S	138°04'E	3097	16	8	353K	5.8
37-25	03 Feb 69	1908	64°04'S	138°10'E	3458	17	9	185	>15.0
37-26	04 Feb 69	1615	64°05'S	138°34'E	3440	18	10	267	5.6
37-28	05 Feb 69	1815	64°41'S	133°00'E	1245	19	11	135	3.1
37-32	07 Feb 69	1018	64°02'S	130°14'E	3188	20	12	002	10.7
37-35	08 Feb 69	2012	64°56'S	127°18'E	2111	21	13	279	>15.0
37-36	09 Feb 69	1702	63°56'S	127°28'E	3914	22	14	187	12.1
37-37	10 Feb 69	0952	63°04'S	127°03'E	4160	23	15	345	7.1
37-38	11 Feb 69	0811	62°03'S	126°54'E	4236	24	16	192	4.3
37-39	12 Feb 69	0540	60°58'S	126°21'E	4480	25	17		< 1.0
37-40	12 Feb 69	2249	60°02'S	126°05'E	4467	26	18	360	11.0
37-41	14 Feb 69	0358	58°02'S	125°35'E	4675	27	19	073	4.5
37-42	15 Feb 69	0020	56°03'S	125°00'E	4702	28	20	227	1.8
37-44	18 Feb 69	1136	50°53'S	125°11'E	4160	29	21	277	8.2
37-59	23 Feb 69	2257	50°58'S	122°22'E	4209	30	22	052	2.7
37-60	25 Feb 69	0144	49°56'S	122°18'E	4020	31	23		< 1.0
37-61	26 Feb 69	0127	48°47'S	123°17'E	4066	32	24	022	5.0

* Alpine camera

Table 2 Cruise 37 Nephelometer Stations

SHIP STA	DATE	GMT	LATITUDE	LONGITUDE	DEPTH	NEPHELOMETER STA
37-03	18 Jan 69	0638	58°10'S	157°34'E	6260	2
37-04	20 Jan 69	0340	63°06'S	158°08'E	2404	3
37-06	23 Jan 69	1717	64°38'S	152°27'E	3353	5
37-07	24 Jan 69	1338	64°48'S	150°34'E	3315	6
37-08	25 Jan 69	0517	65°31'S	147°32'E	3067	7
37-12	27 Jan 69	0937	65°01'S	144°56'E	3200	9
37-13	28 Jan 69	0551	65°31'S	143°53'E	2447	10
37-14	28 Jan 69	1041	65°50'S	143°43'E	774	11
37-17	29 Jan 69	2320	64°52'S	142°26'E	3080	12
37-18	30 Jan 69	1400	65°17'S	140°52'E	2211	13
37-19	30 Jan 69	2051	65°35'S	141°04'E	1339	14
37-21	31 Jan 69	1647	65°54'S	138°08'E	625	15
37-23	02 Feb 69	1645	65°15'S	137°52'E	2191	16
37-24	03 Feb 69	0829	64°32'S	138°02'E	3069	17
37-25	03 Feb 69	1620	64°03'S	138°08'E	3489	18
37-26	04 Feb 69	1409	64°05'S	135°33'E	3450	19
37-28	05 Feb 69	1658	64°41'S	132°59'E	1280	20
37-31	06 Feb 69	2335	63°56'S	132°29'E	3384	21
37-35	08 Feb 69	1806	64°58'S	127°19'E	2159	23
37-36	09 Feb 69	1402	63°58'S	127°27'E	3910	24
37-37	10 Feb 69	0633	63°06'S	127°06'E	4145	25
37-38	11 Feb 69	0511	62°00'S	126°52'E	4300	26
37-39	12 Feb 69	0240	60°58'S	126°22'E	4471	27
37-41	14 Feb 69	0026	58°01'S	125°36'E	4663	28
37-42	14 Feb 69	2128	56°03'S	125°01'E	4703	29
37-44	18 Feb 69	0818	50°54'S	125°11'E	4265	30
37-59	23 Feb 69	1805	50°57'S	122°18'E	4305	31
37-61	25 Feb 69	2104	48°46'S	123°14'E	4132	32

Table 3 Cruises 39, 42, 43 Camera, Current Meter and Nephelometer Stations

SHIP						CAMERA	CURRENT METER			NEPHELOMETER
STA	DATE	GMT	LATITUDE	LONGITUDE	DEPTH	STA	STA	DIR	VEL	STA
39-10	28 Jun 69	0650	48°01'S	126°07'E	4602	1	1		< 1.0	1
39-13	30 Jun 69	1135	51°09'S	126°09'E	4392	2				2
39-15	03 Jul 69	1450	55°06'S	126°03'E	4568	3				3
39-20	10 Jul 69	1708	51°58'S	133°59'E	3050	4				
39-21	11 Jul 69	1536	49°55'S	134°01'E	3300	5*				
39-22	12 Jul 69	2004	47°28'S	134°02'E	4020	6	2		< 1.0	5
39-27	19 Jul 69	2237	48°47'S	144°32'E	4010	7	3	74	8.0	6
39-29	21 Jul 69	0910	49°03'S	146°55'E	4245	8*				
39-31	22 Jul 69	1538	47°58'S	147°51'E	1655	9*				
39-32	23 Jul 69	0314	47°27'S	148°15'E	990	10*				
39-35	25 Jul 69	0220	45°51'S	150°27'E	2300	11				7
42-04	11 Mar 70	1350	58°26'S	179°49'W	4974	1*				
42-05	12 Mar 70	1318	59°51'S	175°29'W	4679	2	1	173	2.1	1
42-07	14 Mar 70	0900	62°34'S	165°18'W	2324	4*				
42-08	15 Mar 70	0302	63°55'S	160°07'W	3129	5	3	137	2.5	
42-09	16 Mar 70	1654	66°19'S	149°43'W	3717	6	4	161	3.9	
42-10	18 Mar 70	0028	66°01'S	139°55'W	4388	7	5	047	2.3	
42-13	25 Mar 70	2054	68°19'S	82°48'W	3700	8	6	322	6.7	2
42-14	26 Mar 70	1204	68°01'S	80°53'W	2846	9	7	234	5.7	3
42-15	26 Mar 70	1708	69°10'S	80°35'W	1984	10	8	109	4.0	4
42-17	27 Mar 70	0601	69°23'S	80°08'W	541	12	10	283	>15.0	
42-19	29 Mar 70	1936	69°26'S	87°51'W	3047	13	11	182	3.9	5
42-20	31 Mar 70	0117	69°05'S	92°20'W	4268	14*				
42-21	31 Mar 70	0350	69°06'S	92°21'W	4169	15*				
42-22	02 Apr 70	2035	65°28'S	90°32'W	408	16*				
43-04	29 Apr 70	1341	64°01'S	76°55'W	4050	1	1	024	4.4	1
43-05	30 Apr 70	2005	66°02'S	71°10'W	3040	2	2	213	13.1	2
43-06	01 May 70	0240	66°05'S	71°59'W	1731	3	3	286	4.3	3
43-07	01 May 70	0945	66°06'S	70°52'W	485	4	4	206	5.7	4
43-08	04 May 70	1823	62°26'S	92°48'W	4903	5	5	342	4.4	5
43-09	08 May 70	2254	57°42'S	109°41'W	4127	6	6	348	3.3	6
43-10	11 May 70	0905	52°34'S	119°54'W	2452	7	7	265	4.2	7
43-11	13 May 70	2323	46°53'S	129°44'W	4419	8	8	200	3.1	8
43-12	16 May 70	1512	53°40'S	132°43'W	5086	9	9	212	>15.0	9
43-14	24 May 70	1726	60°28'S	162°26'W	3702	10	10	140	2.1	10
43-15	27 May 70	0909	54°51'S	175°10'W	5283	11	11	092	4.0	11
43-16	29 May 70	1622	51°00'S	177°11'W	4586	12	12	052	6.6	12
43-17	30 May 70	0456	50°26'S	176°21'E	3010	13	13	025	13.0	13
43-18	30 May 70	1146	50°16'S	176°02'E	1967	14	14	115	>15.0	14

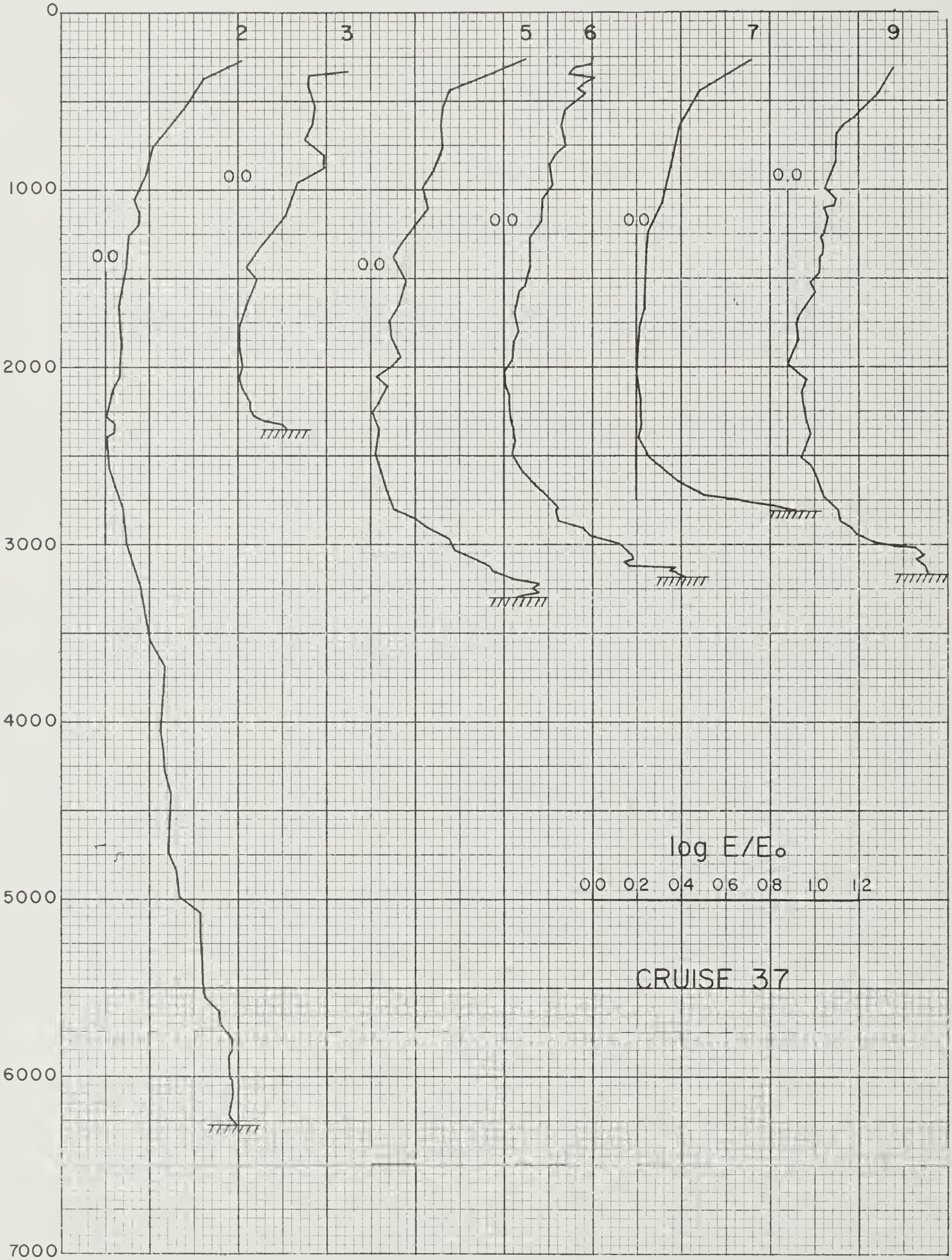
Table 4 Cruise 44 Camera and Nephelometer Stations

SHIP STA	DATE	GMT	LATITUDE	LONGITUDE	DEPTH	CAMERA STA	NEPHELOMETER STA
44-02	29 Jun 70	1411	45°31'S	163°07'E	4665	2	
44-03	30 Jun 70	0456	46°51'S	164°58'E	5389	3	3
44-04	01 Jul 70	0544	48°04'S	165°36'E	2937		
44-05	01 Jul 70	2254	49°01'S	165°10'E	3257	5	5
44-06	03 Jul 70	0742	47°29'S	160°28'E	4582	6	6
44-07	04 Jul 70	0616	49°12'S	163°56'E	5869	7	7
44-08	05 Jul 70	0342	49°31'S	164°36'E	3131		8
44-09	08 Jul 70	1159	51°15'S	165°01'E	3897	9	9
44-10	09 Jul 70	0156	51°00'S	165°47'E	4046	10	10
44-12	11 Jul 70	1217	50°21'S	160°29'E	4094	11	11
44-13	12 Jul 70	0544	51°31'S	159°38'E	3993	12	12
44-14	13 Jul 70	0450	51°57'S	161°19'E	5602		13
44-15	14 Jul 70	1536	52°59'S	160°19'E	4602	14	14
44-16	15 Jul 70	1800	52°56'S	156°45'E	4454	15	15
44-19	17 Jul 70	0742	53°30'S	161°34'E	3213	16	16
44-21	18 Jul 70	1656	55°03'S	164°54'E	3642	17	17
44-22	19 Jul 70	1300	56°41'S	164°58'E	4809	18	18
44-24	20 Jul 70	1549	56°00'S	162°32'E	4738	19	19
44-25	21 Jul 70	0220	56°02'S	160°43'E	4569	20	20
44-28	24 Jul 70	1145	57°16'S	159°26'E	3902	21	21
44-29	25 Jul 70	1353	59°34'S	159°27'E	4632	22	22
44-30	26 Jul 70	1937	58°06'S	157°33'E	6202		23
44-31	28 Jul 70	1825	57°59'S	147°01'E	3380	24	24
44-34	31 Jul 70	0620	58°04'S	139°57'E	3471	25	25
44-37	01 Aug 70	1523	57°59'S	132°30'E	4639	26	
44-39	05 Aug 70	1008	61°35'S	120°08'E	4202	27	27
44-40	07 Aug 70	0432	57°57'S	120°03'E	4606		28
44-41	08 Aug 70	0630	56°04'S	119°58'E	4473	29	29
44-43	09 Aug 70	0657	54°01'S	119°46'E	3991		30
44-45	10 Aug 70	1114	52°00'S	119°33'E	3810	31	31
44-46	11 Aug 70	1012	50°02'S	119°40'E	3759	32	32
44-48	13 Aug 70	1059	46°06'S	119°53'E	4207	33	33

Table 5 Cruise 45 Camera and Nephelometer Stations

SHIP STA	DATE	GMT	LATITUDE	LONGITUDE	DEPTH	CAMERA STA	NEPHELOMETER STA
45-01	11 Sep 70	1249	29°22'S	110°15'E	5528	1	1
45-02	12 Sep 70	0739	29°33'S	108°24'E	5122		2
45-04	14 Sep 70	2321	29°59'S	99°57'E	3581		3
45-05	16 Sep 70	0132	31°38'S	100°37'E	3142	3	4
45-07	16 Sep 70	2200	32°41'S	100°59'E	5032	4	
45-08	17 Sep 70	2058	34°11'S	101°37'E	5680	5	6
45-09	18 Sep 70	1658	35°07'S	101°58'E	4458	6	
45-10	19 Sep 70	1136	36°31'S	102°36'E	4765	7	7
45-11	20 Sep 70	0556	37°39'S	103°06'E	4734	8	8
45-12	21 Sep 70	0105	38°58'S	103°42'E	4487	9	9
45-13	21 Sep 70	1848	40°09'S	104°13'E	4112	10	10
45-16	24 Sep 70	1330	44°53'S	106°31'E	3715	12*	
45-22	28 Sep 70	1806	53°30'S	111°19'E	3880	13*	
45-23	29 Sep 70	0820	54°42'S	111°57'E	4269	14*	
45-25	30 Sep 70	1850	57°14'S	113°21'E	4401	15*	
45-30	03 Oct 70	1206	61°02'S	113°50'E	4315	16*	
45-32	04 Oct 70	1322	59°26'S	113°56'E	4489	17*	
45-34	05 Oct 70	0404	58°28'S	113°55'E	4522	18*	
45-36	05 Oct 70	2343	57°04'S	114°02'E	4546	19*	
45-44	11 Oct 70	1425	50°14'S	114°30'E	2965		12
45-45	12 Oct 70	0147	49°59'S	114°44'E	3741	23	13
45-47	13 Oct 70	0709	48°52'S	114°40'E	3417	24	14
45-50	15 Oct 70	0149	46°29'S	114°26'E	3949	26*	
45-54	19 Oct 70	0407	41°29'S	114°24'E	4467	27	16
45-55	19 Oct 70	2037	40°33'S	114°32'E	4447	28	17
45-56	20 Oct 70	1236	39°32'S	114°28'E	4690	29	18
45-57	21 Oct 70	0932	38°06'S	114°32'E	4526	30	19
45-58	22 Oct 70	0623	35°54'S	114°34'E	5140	31	20
45-59	24 Oct 70	1158	35°21'S	108°13'E	5506		21
45-61	26 Oct 70	0857	35°12'S	111°46'E	4588	33	22
45-62	27 Oct 70	0632	33°39'S	113°34'E	3049	34	23

* Alpine camera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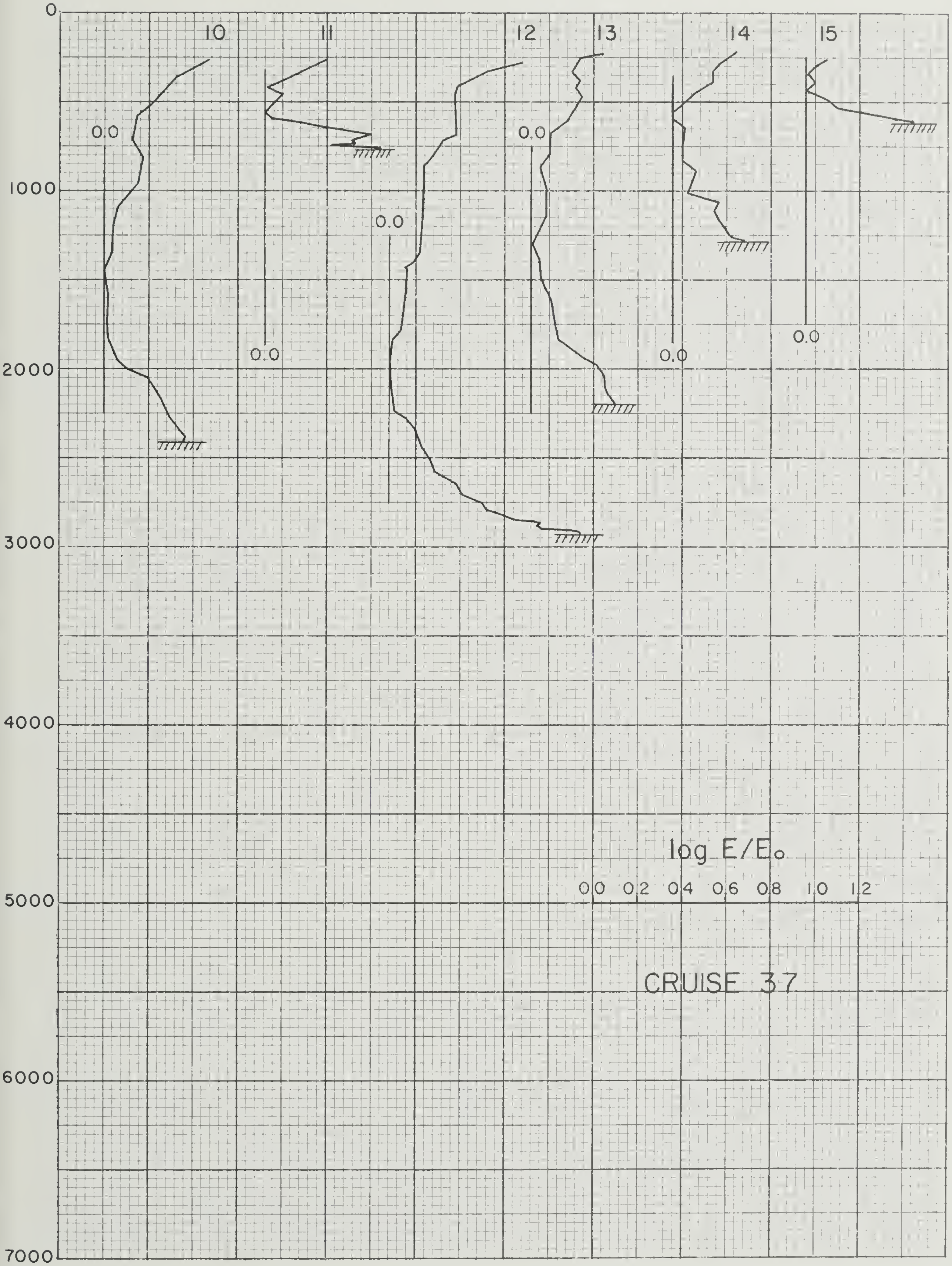
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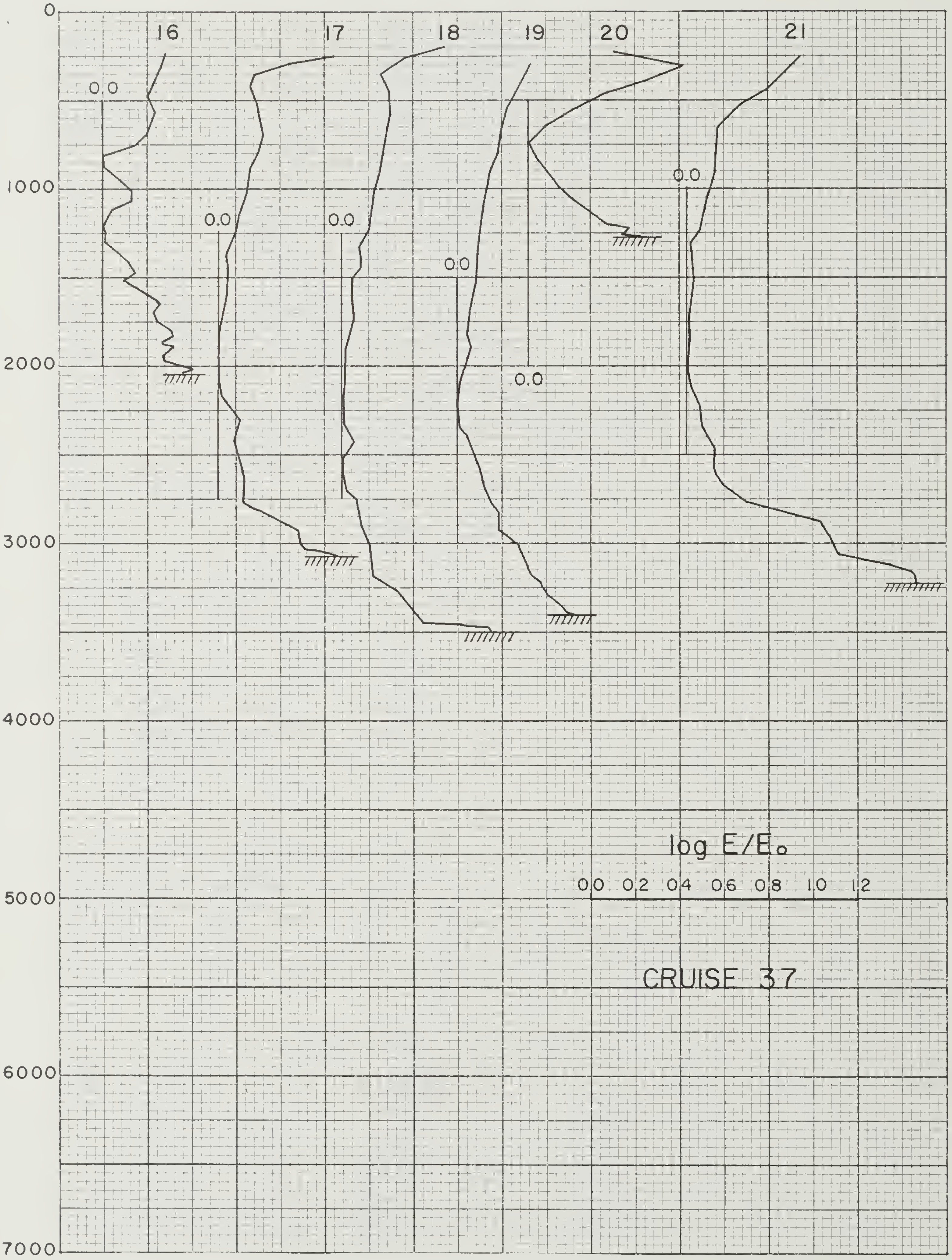
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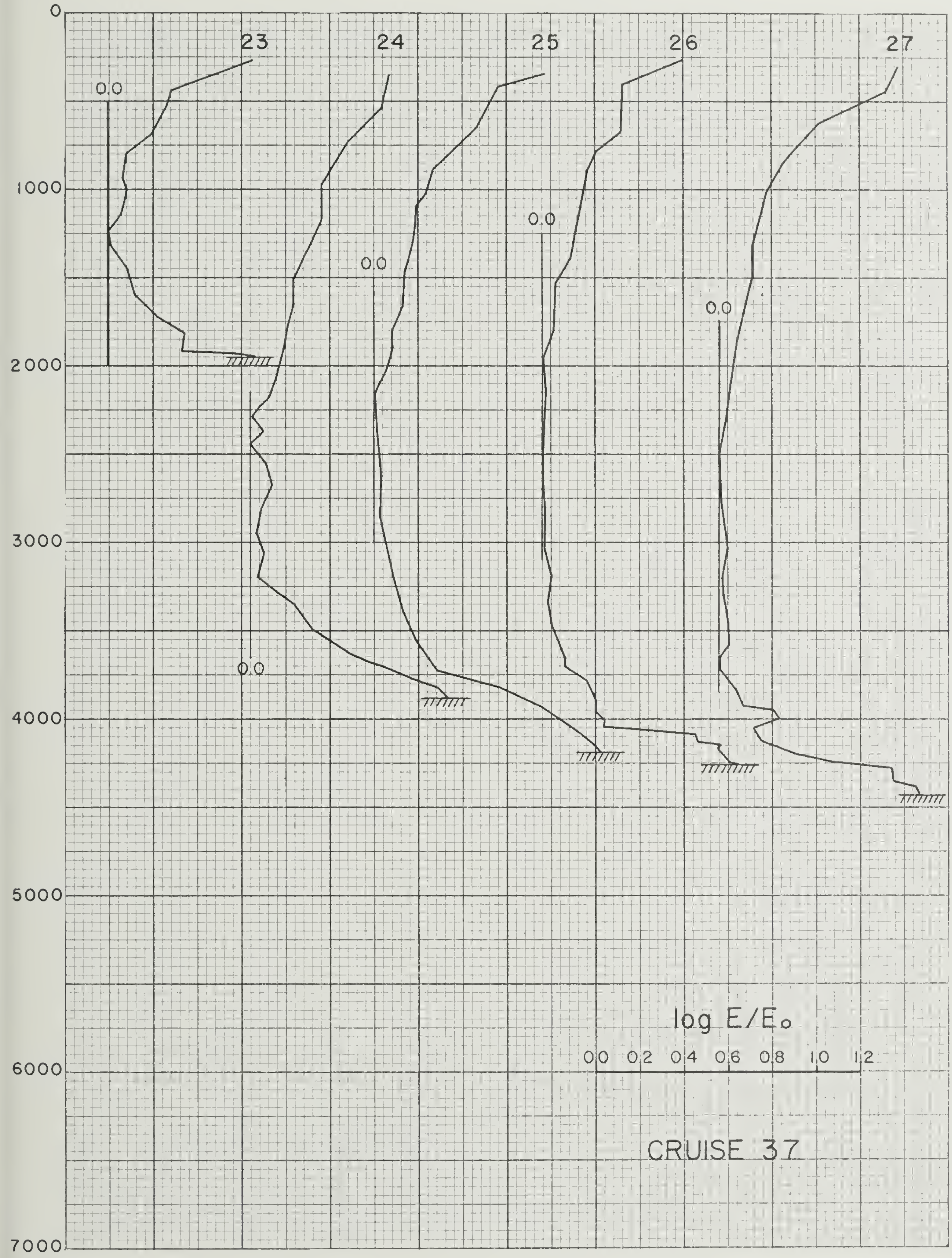
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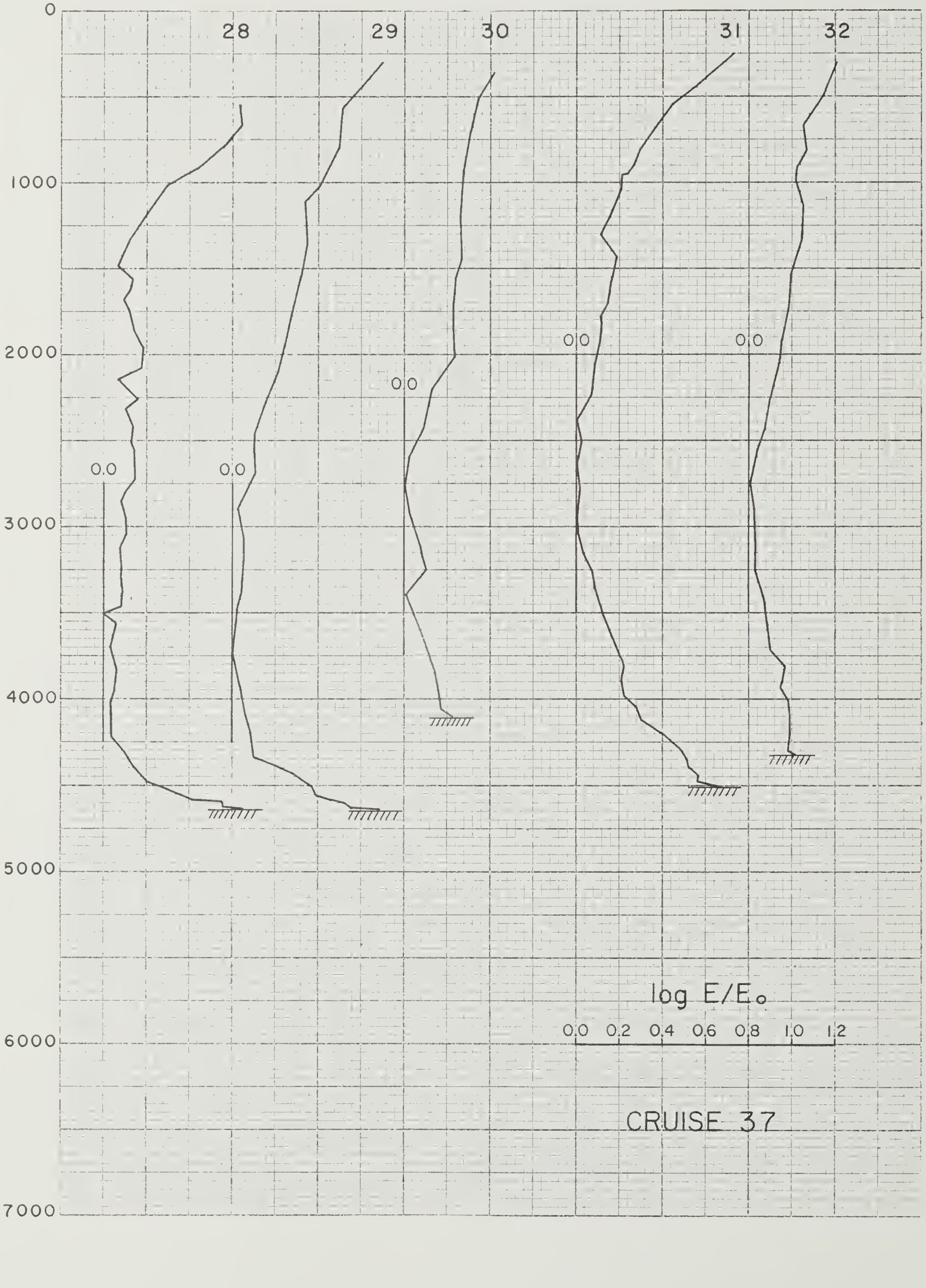
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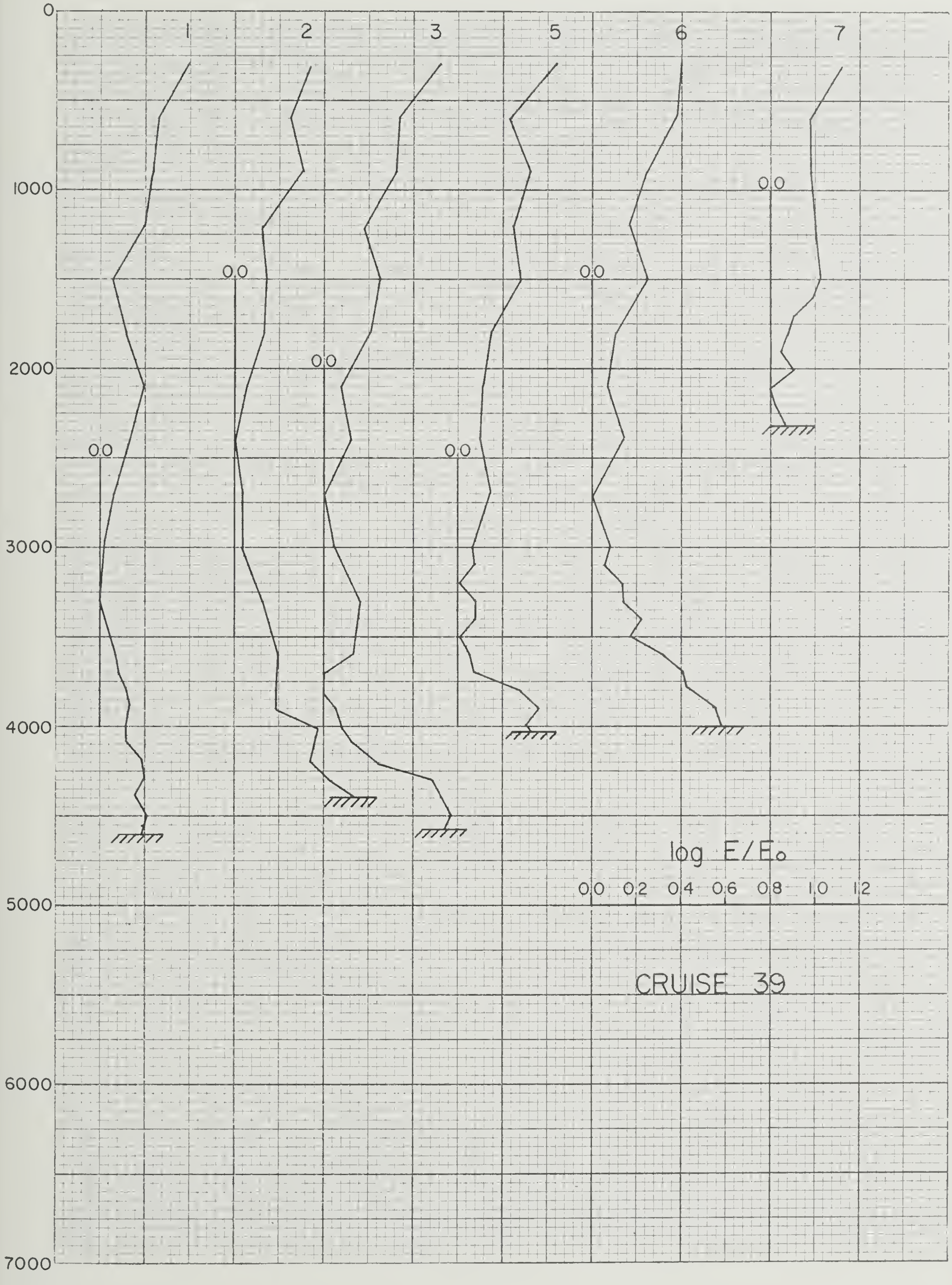
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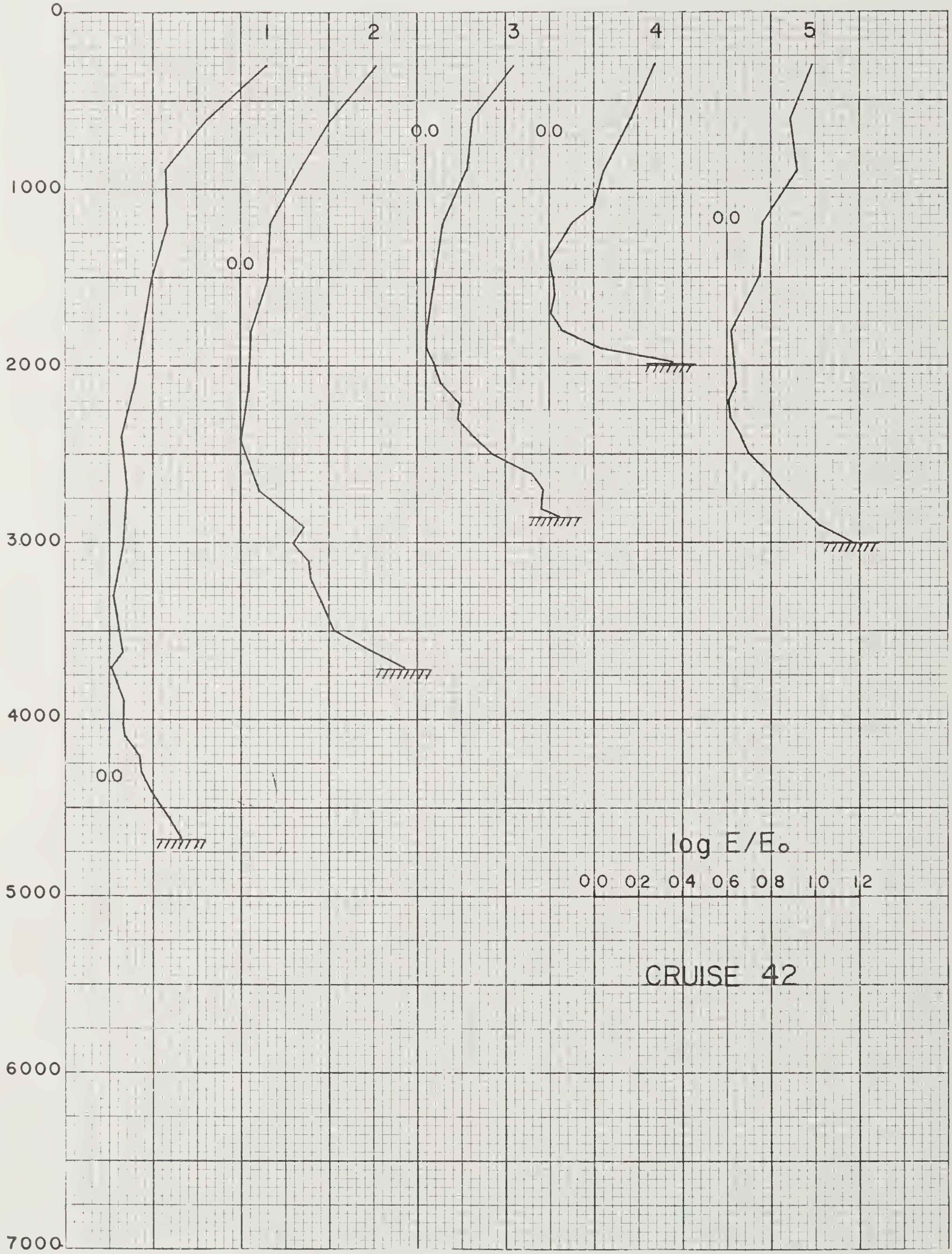
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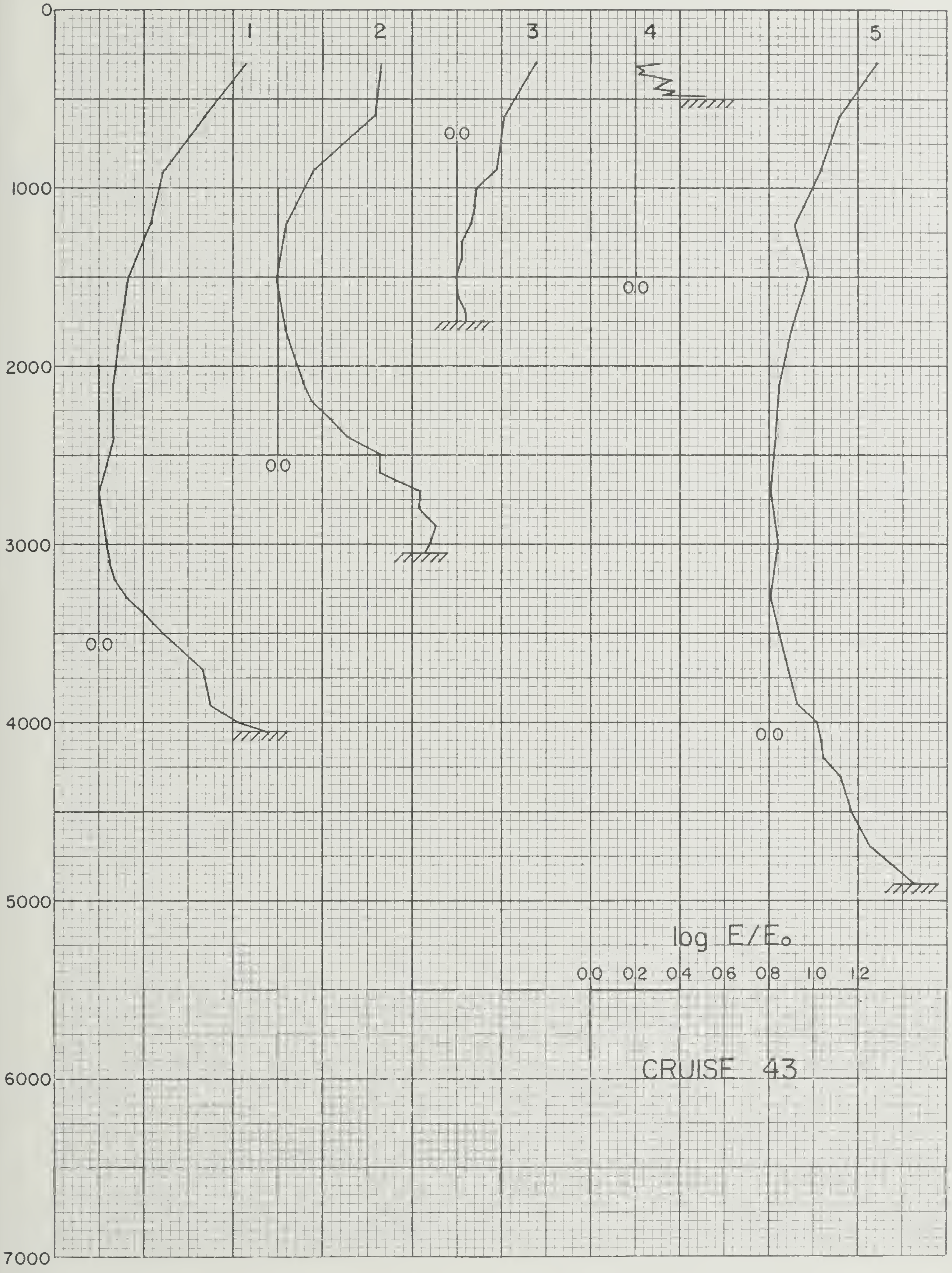
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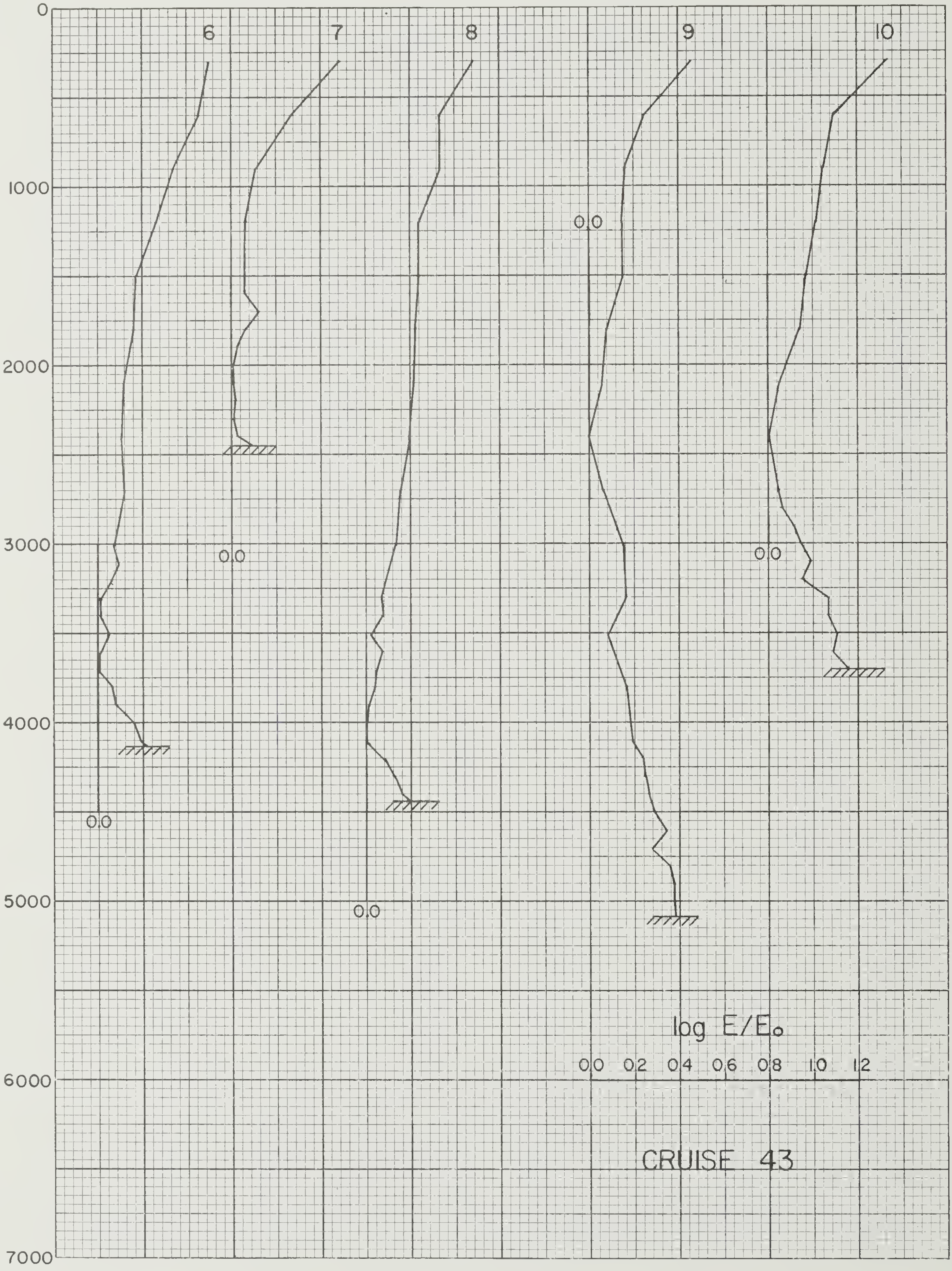
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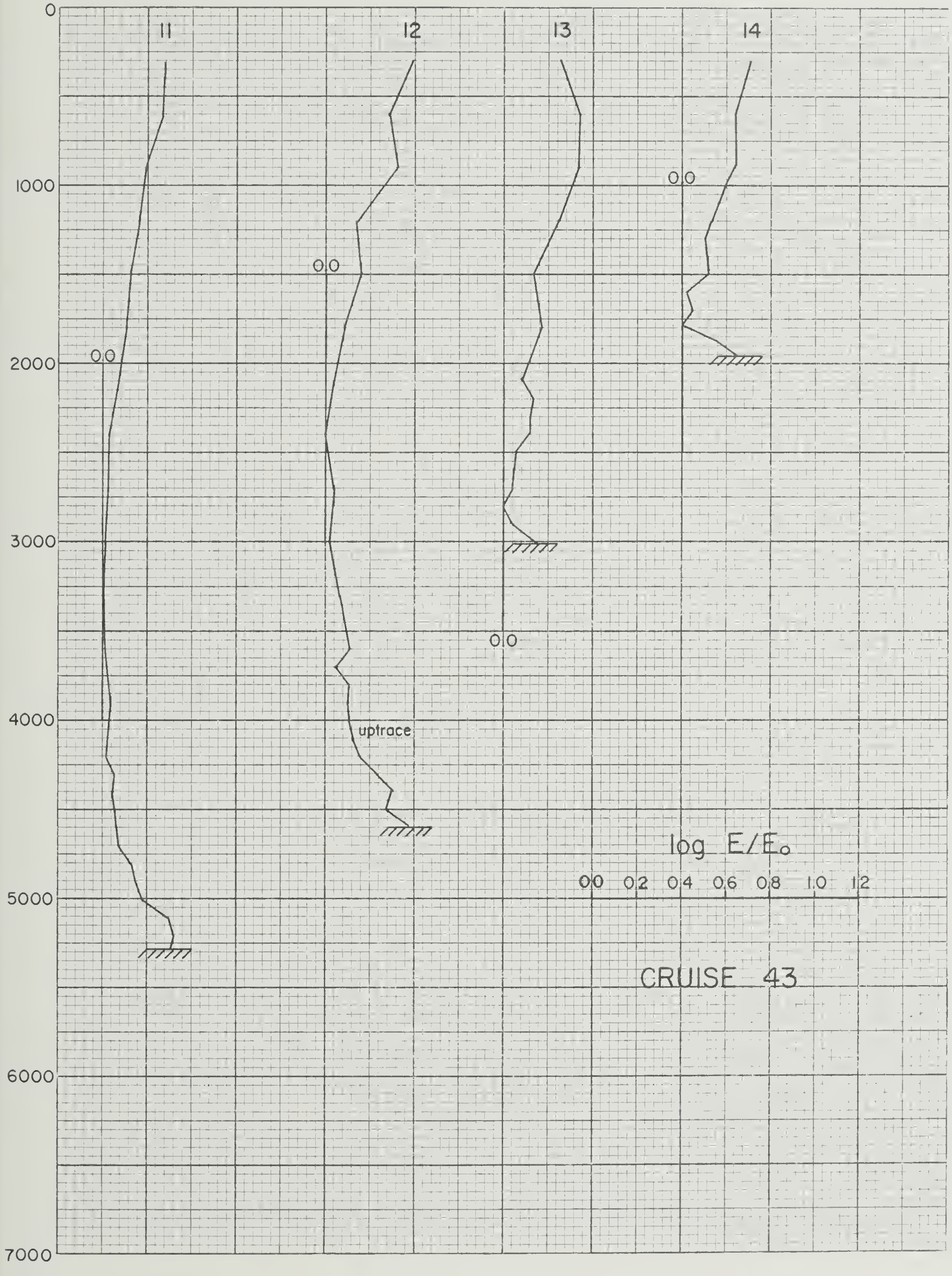
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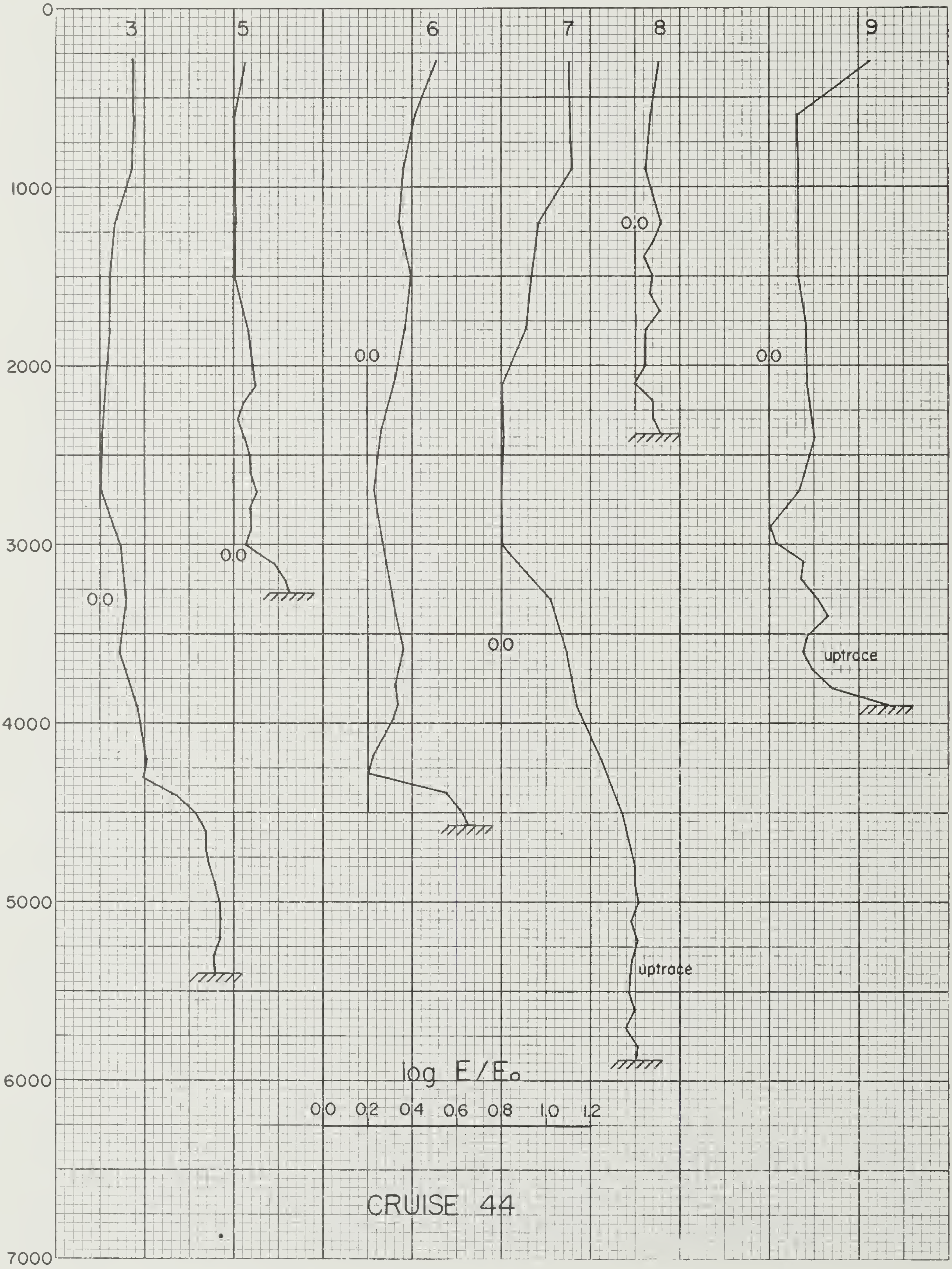
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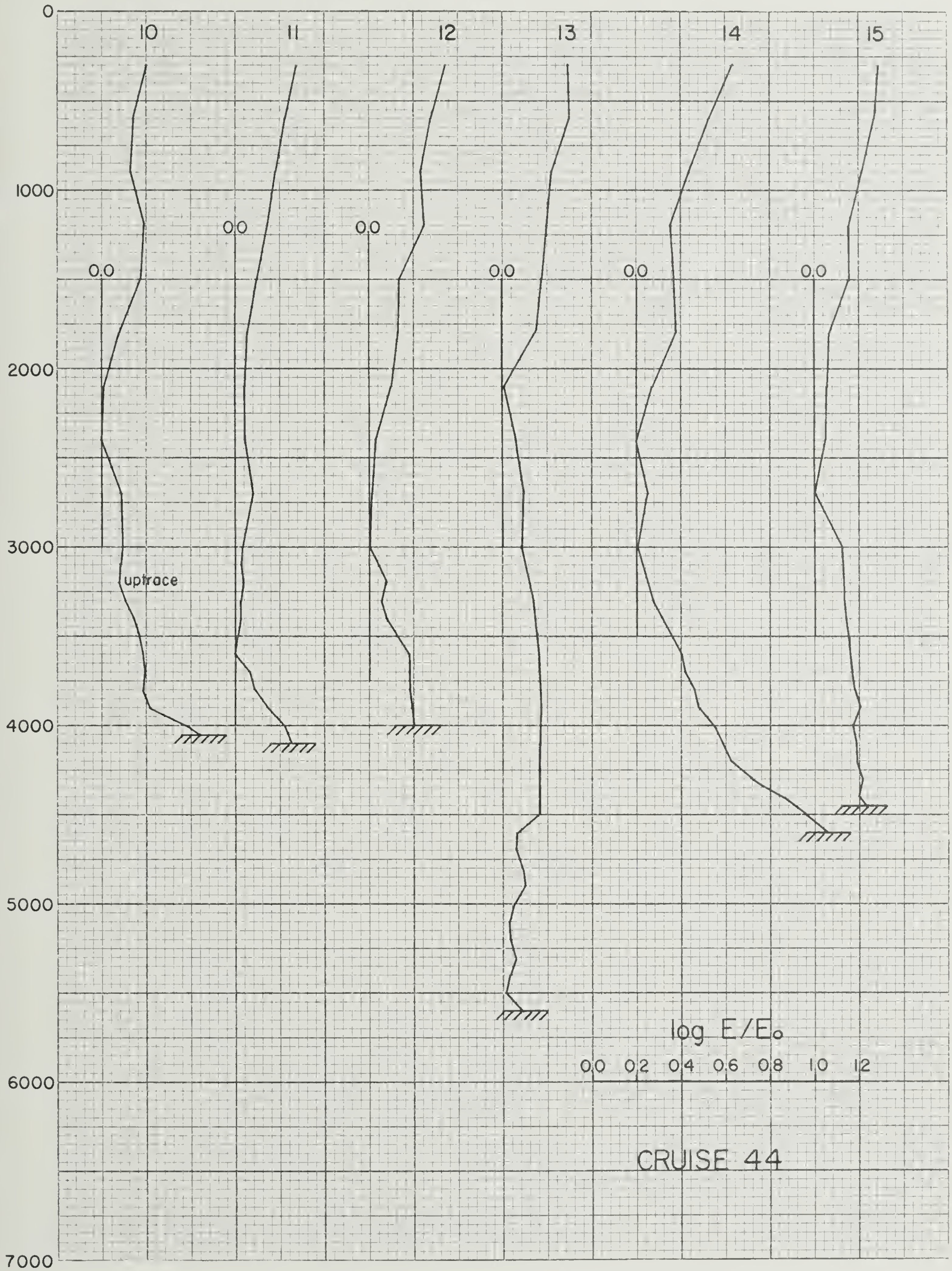
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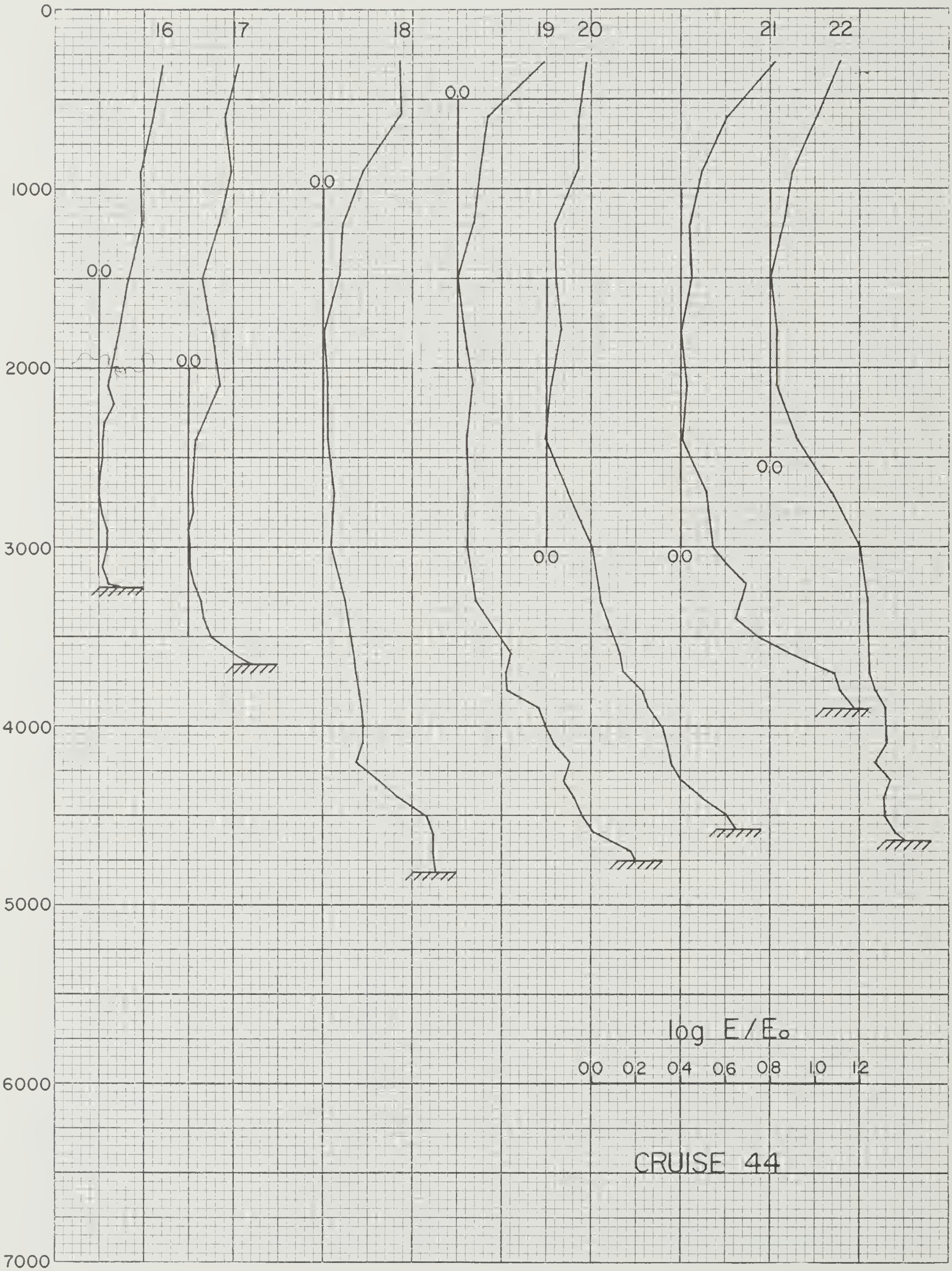

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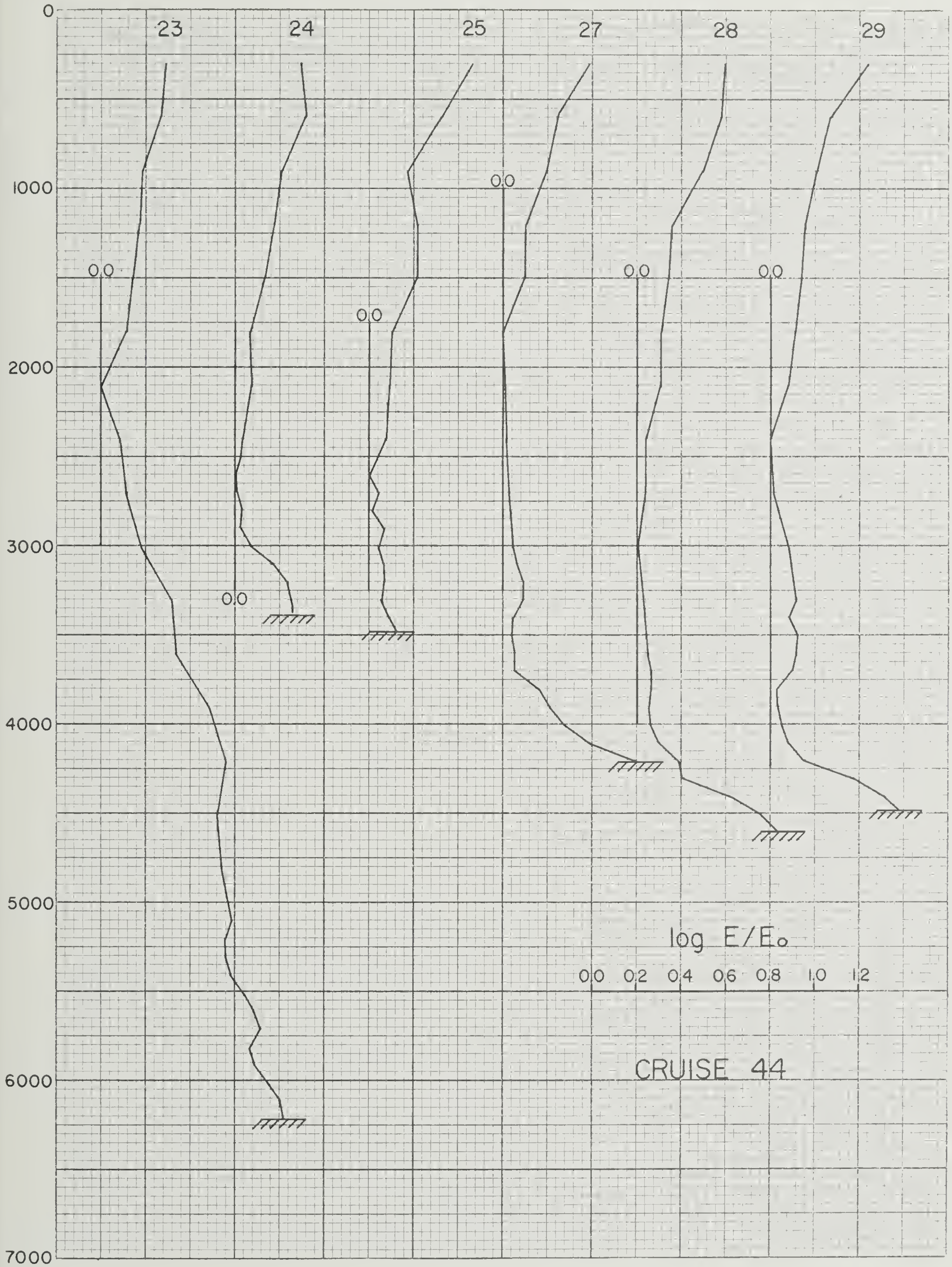
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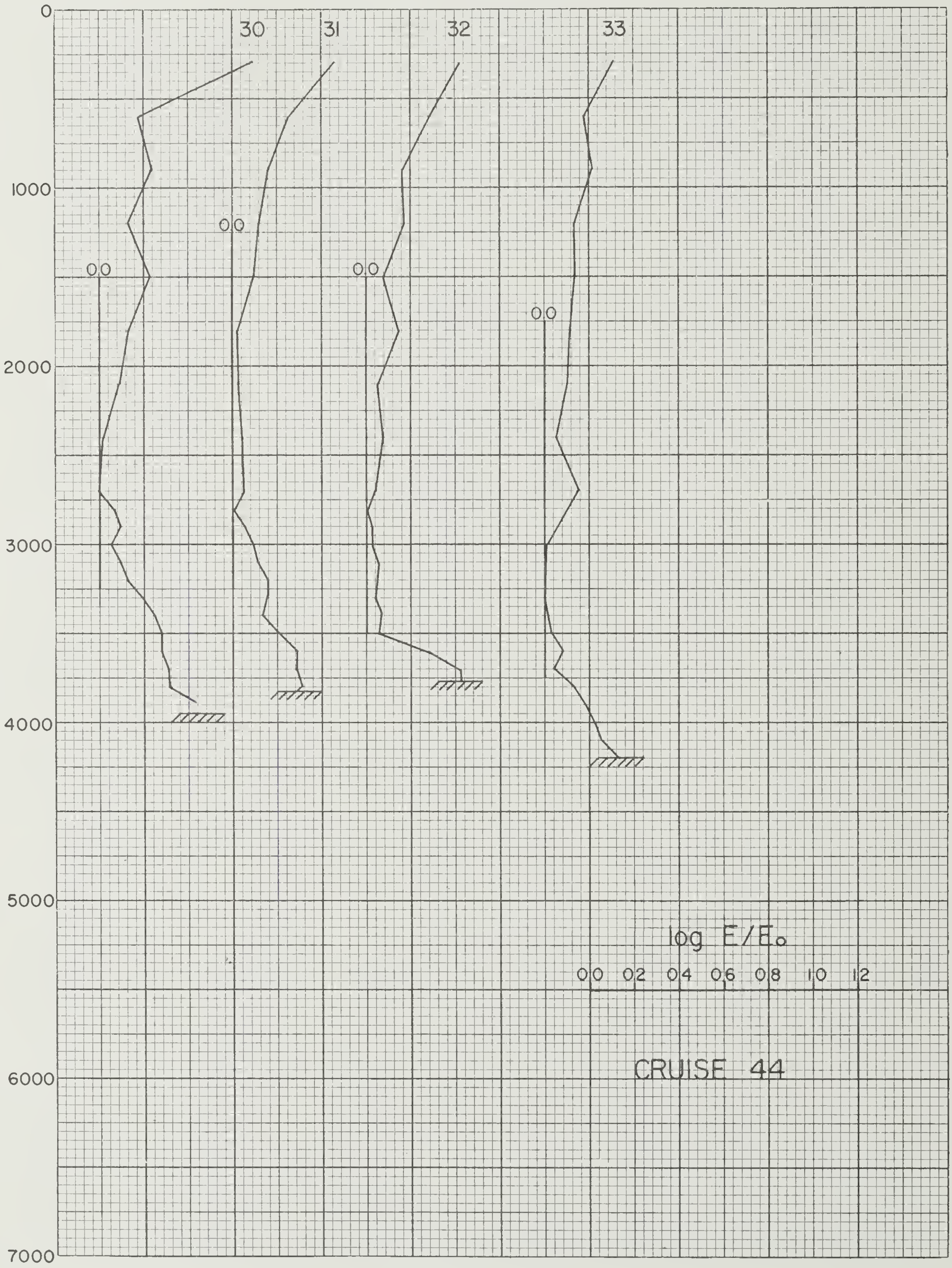
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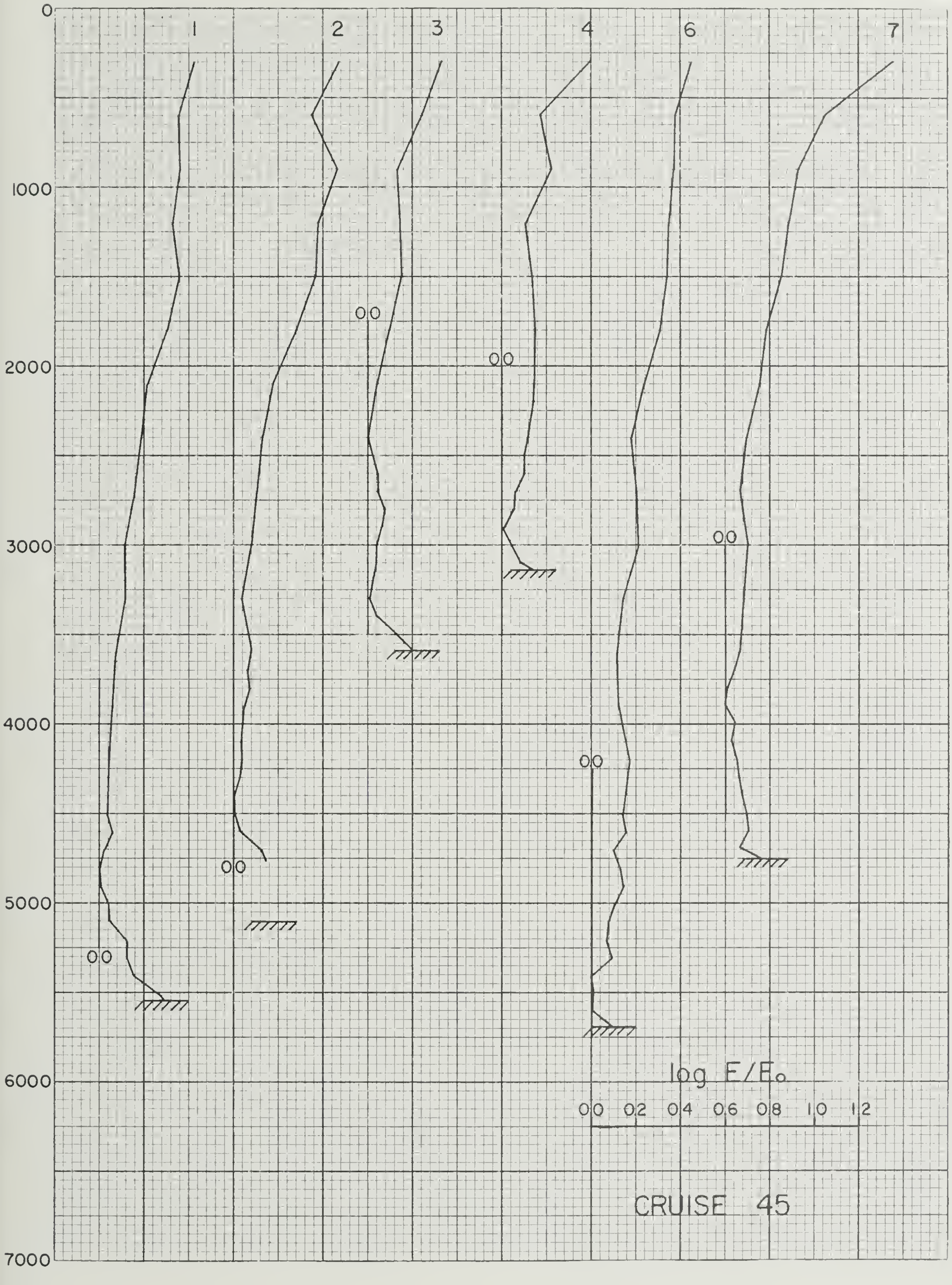
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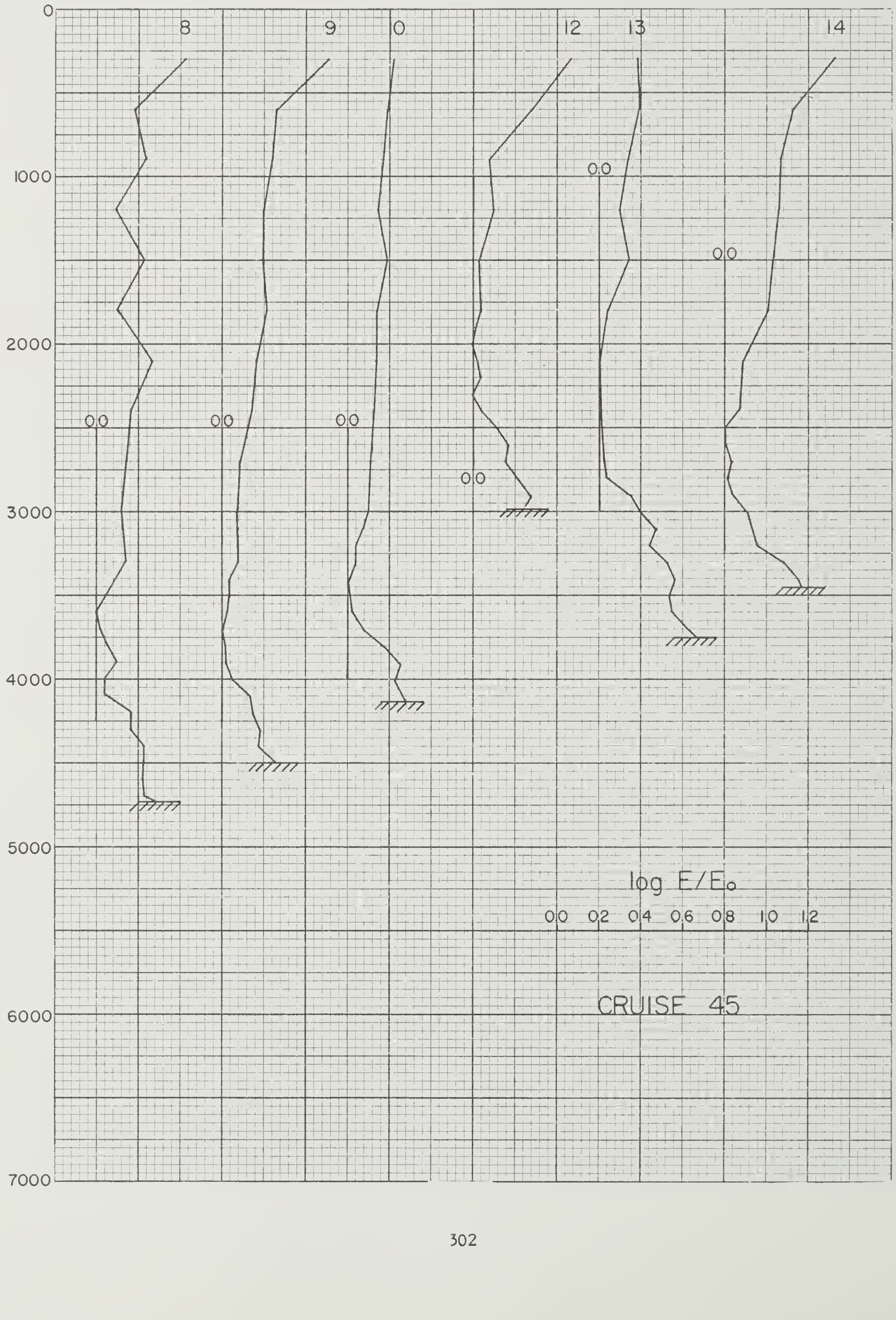
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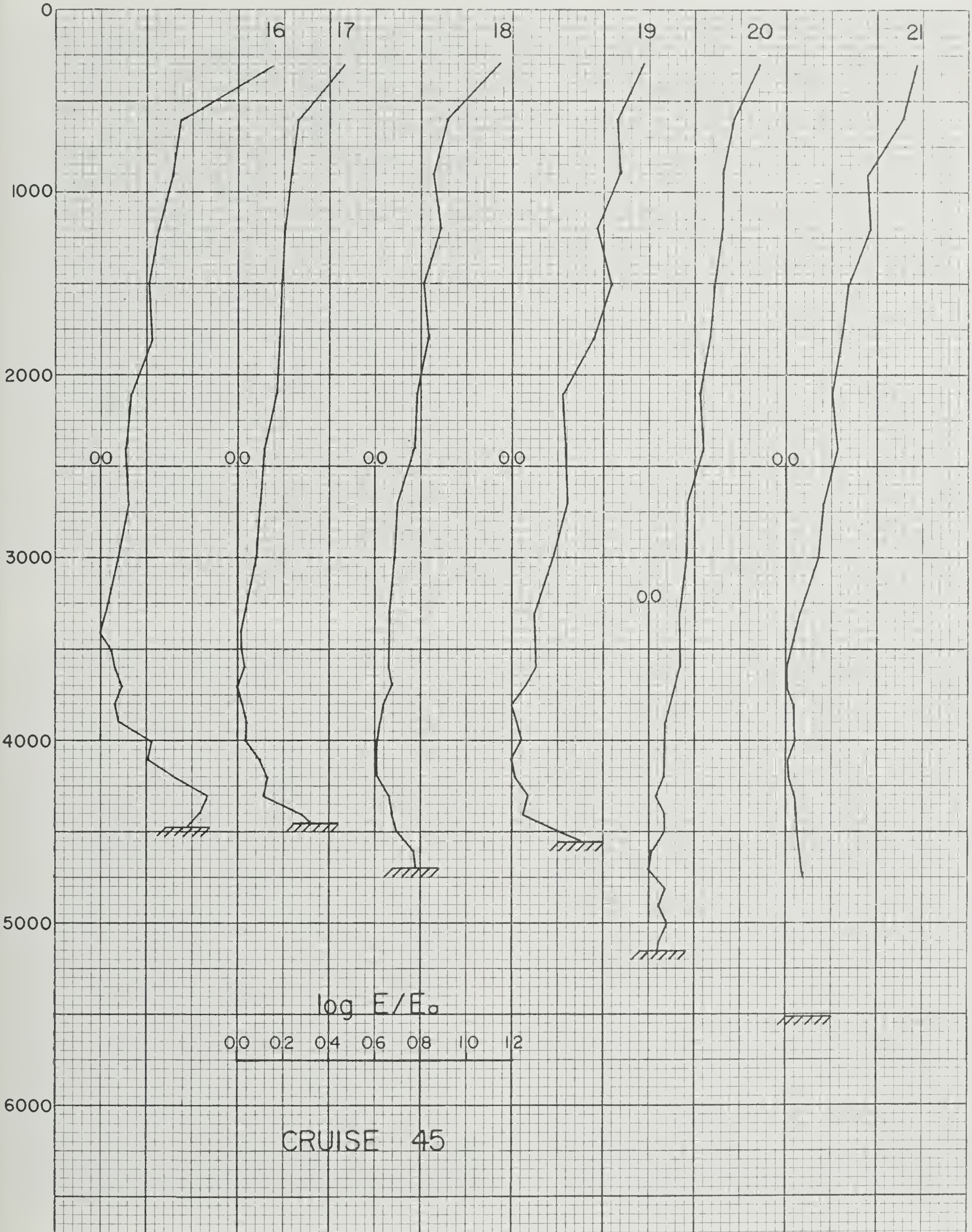
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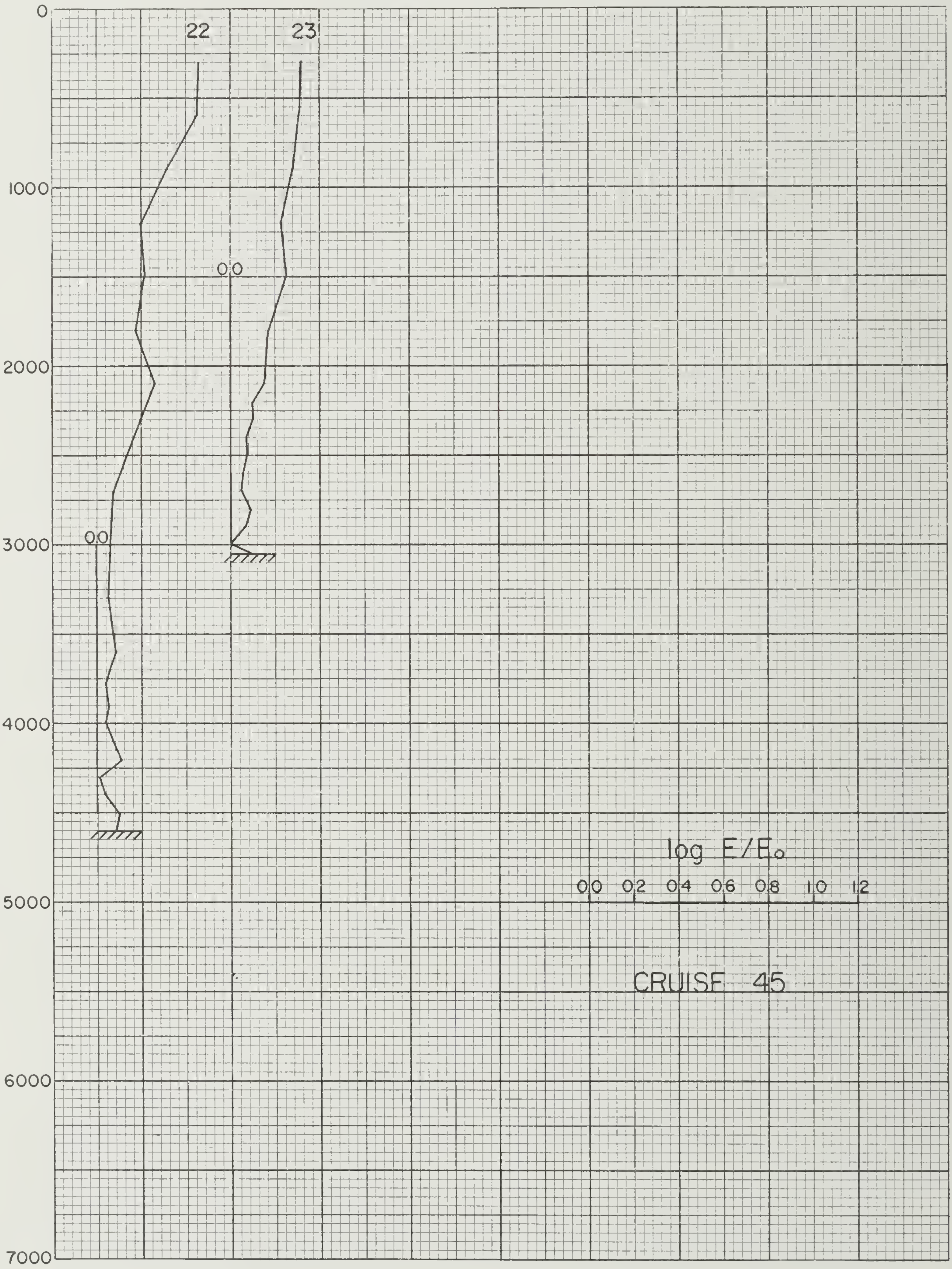

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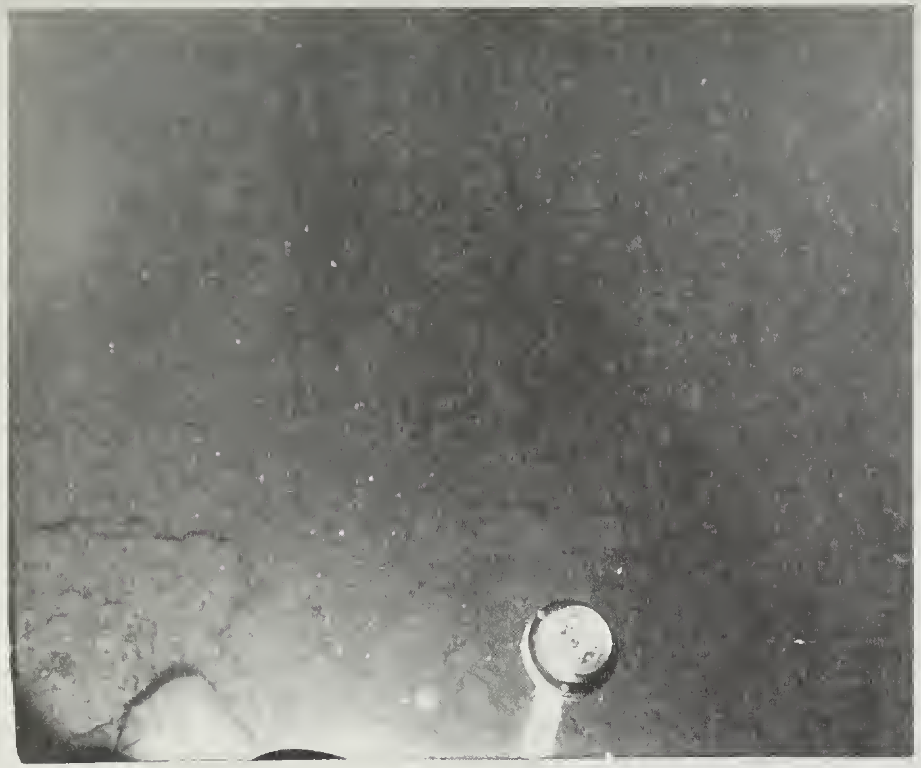
CRUISE 45



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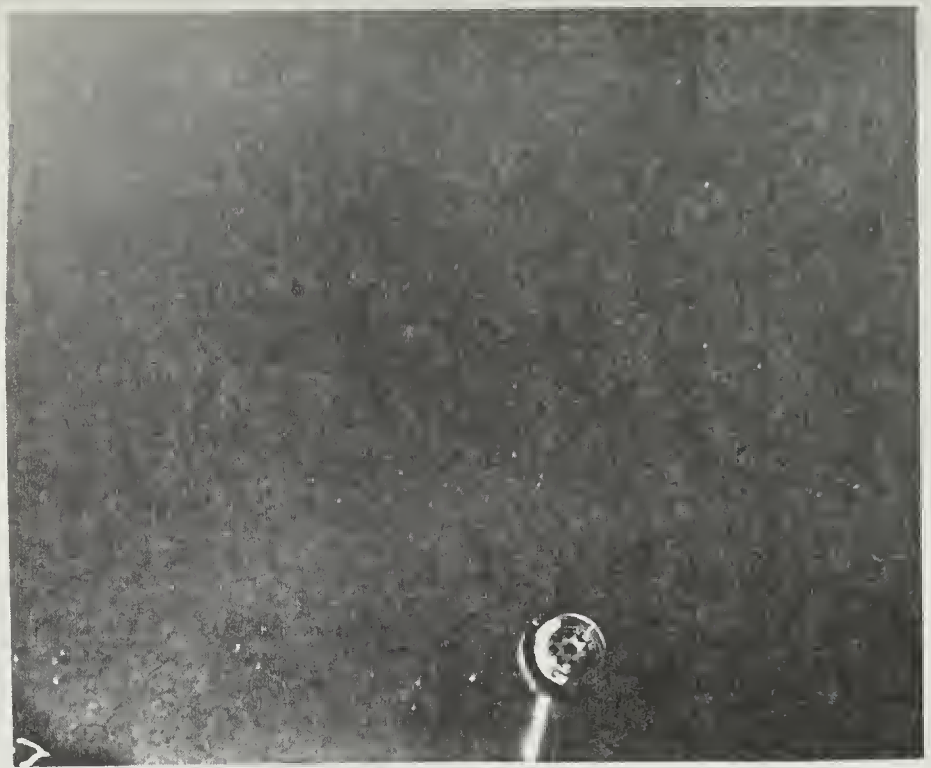
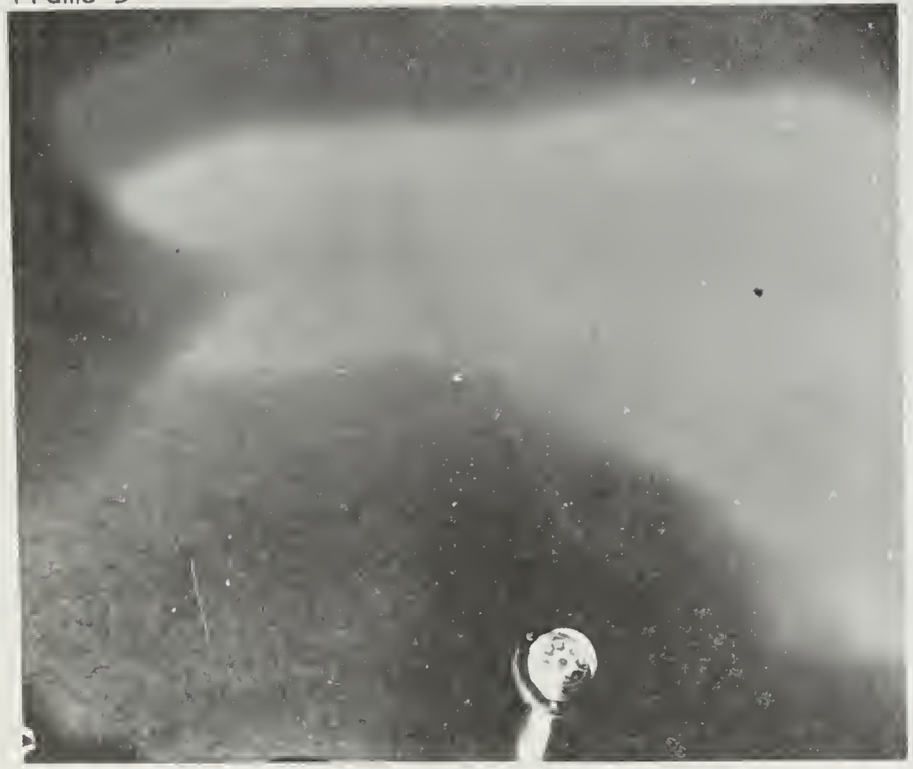


Frame 2

Cruise 37 Ship Sta 2 Camera Sta 1 4779 Meters

Frame 3



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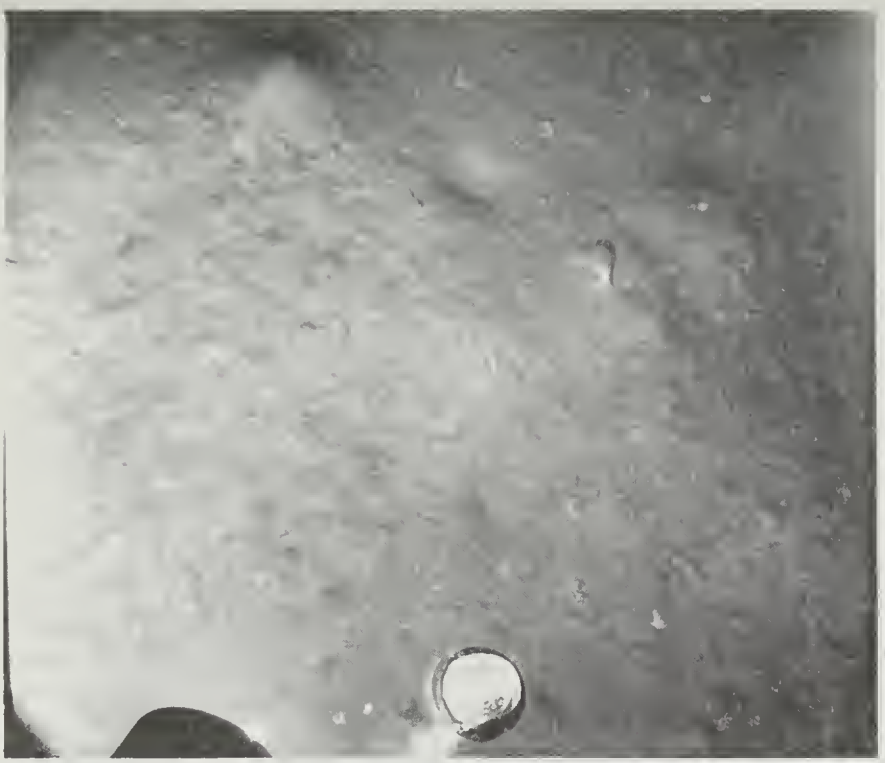
Cruise 37 Ship Sta 3 Camera Sta 2 5794 Meters



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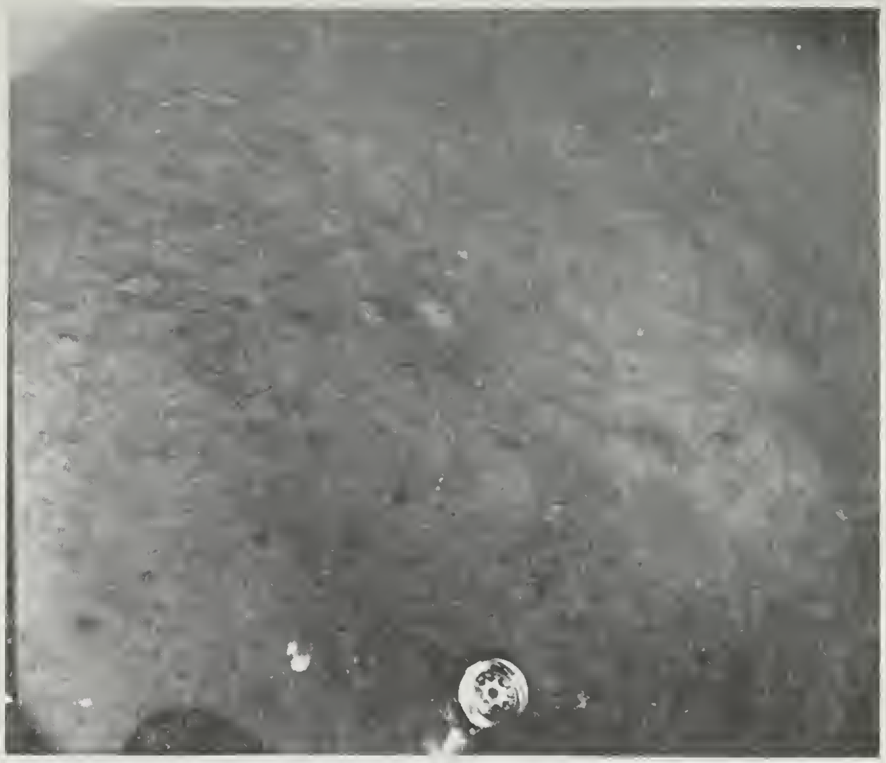

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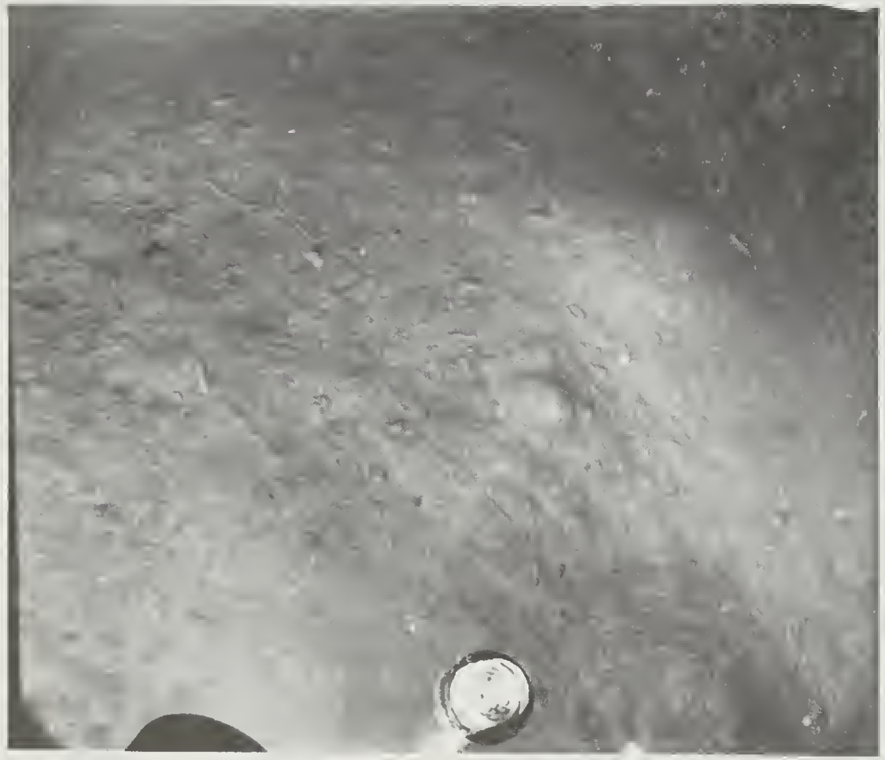
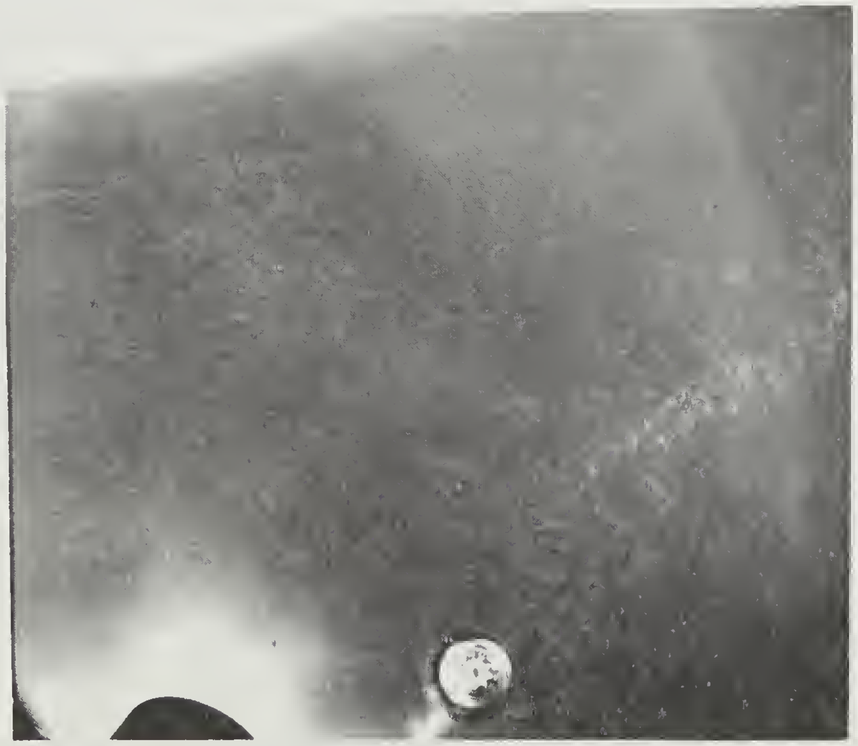
Cruise 37 Ship Sta 4 Camera Sta 3 2442 Meters

Frame 4





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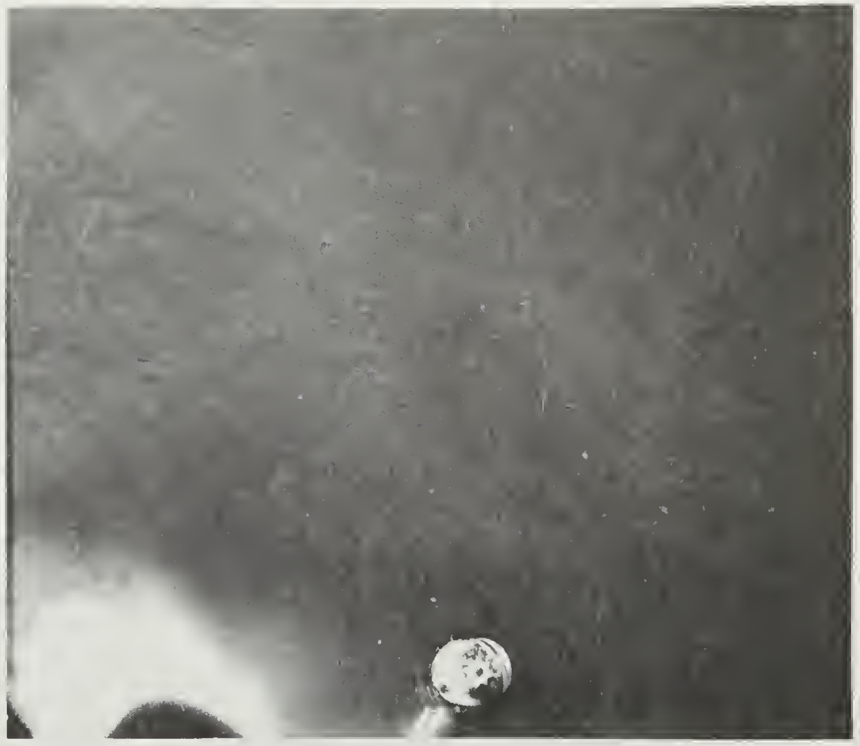

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Cruise 37 Ship Sta 5 Camera Sta 4 3222 Meters

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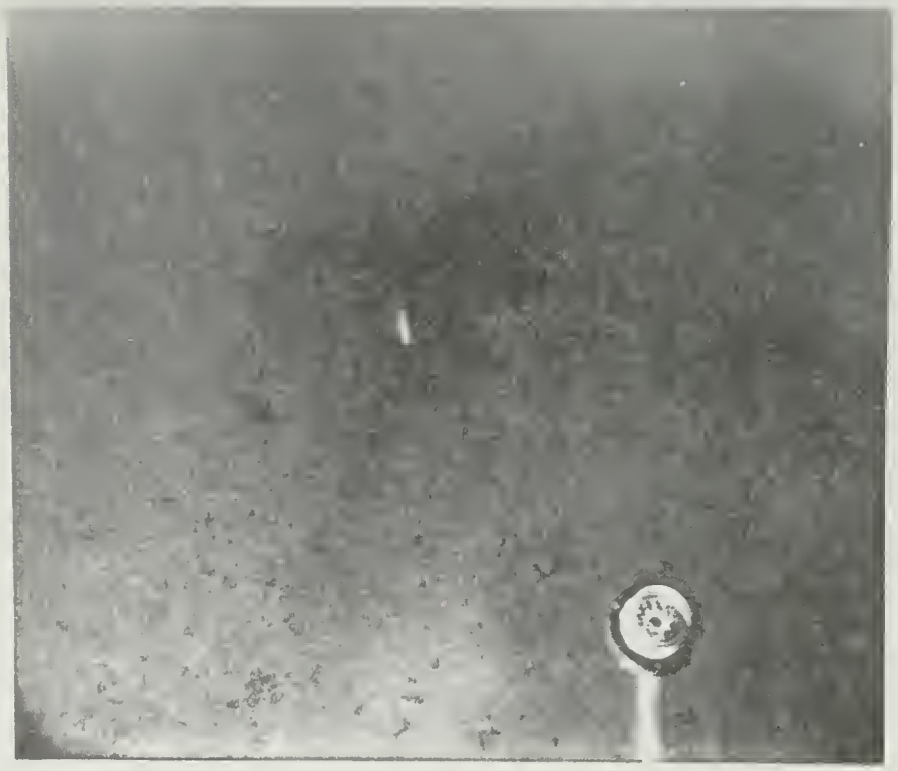


Frame 4

Cruise 37 Ship Sta 6 Camera Sta 5 3321 Meters

Frame 8

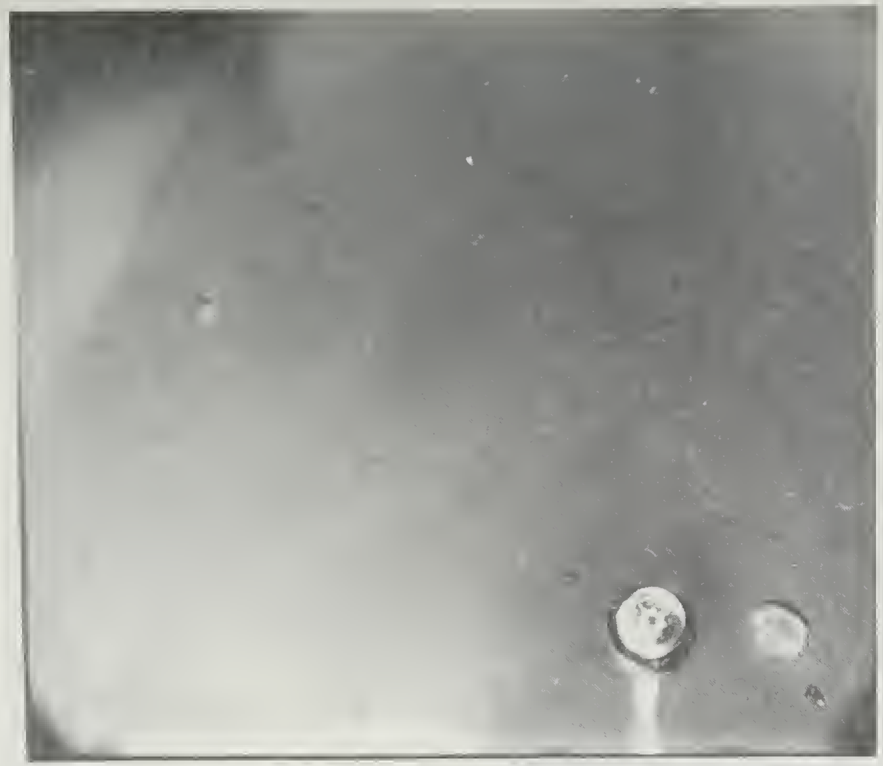
Frame 2

Frame 3

Cruise 37 Ship Sta 7 Camera Sta 6 3325 Meters

Frame 8

Frame 9



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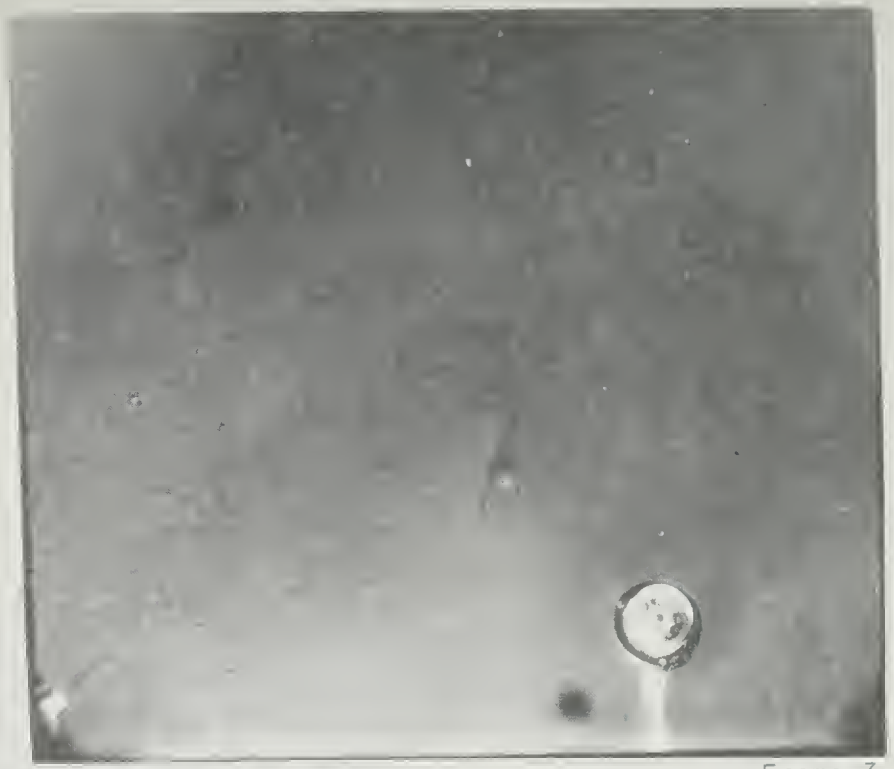
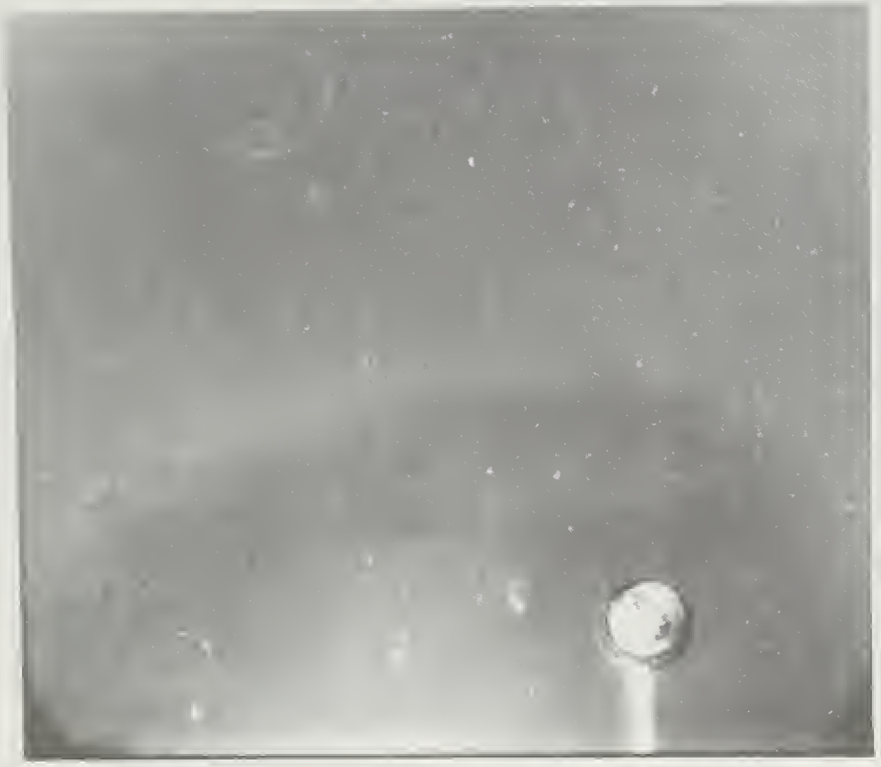


Frame 3

Cruise 37 Ship Sta 8 Camera Sta 7 3000 Meters

Frame 5



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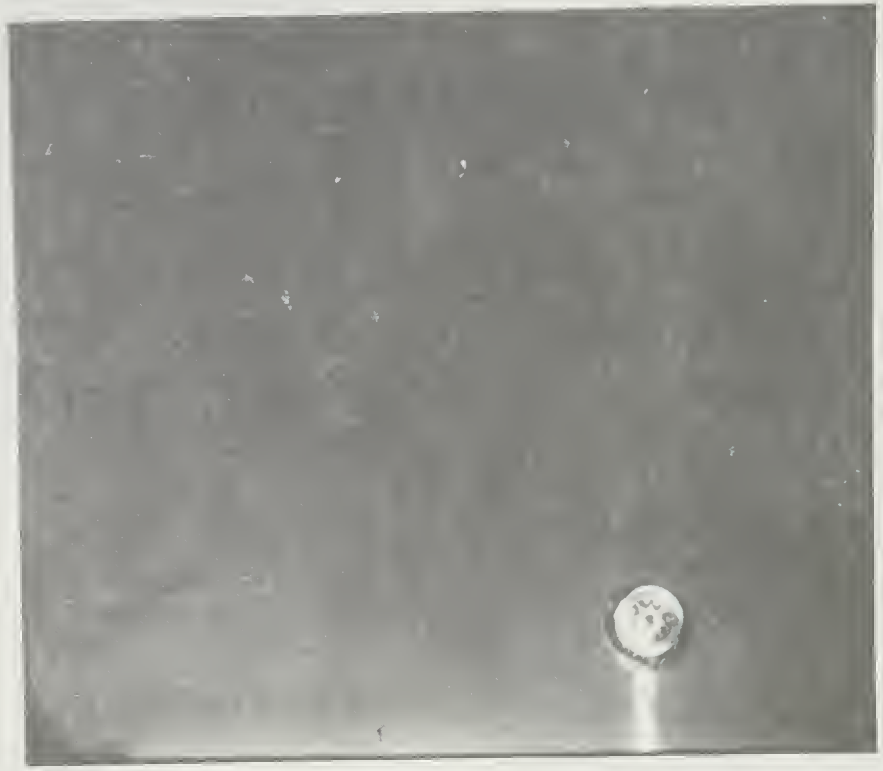
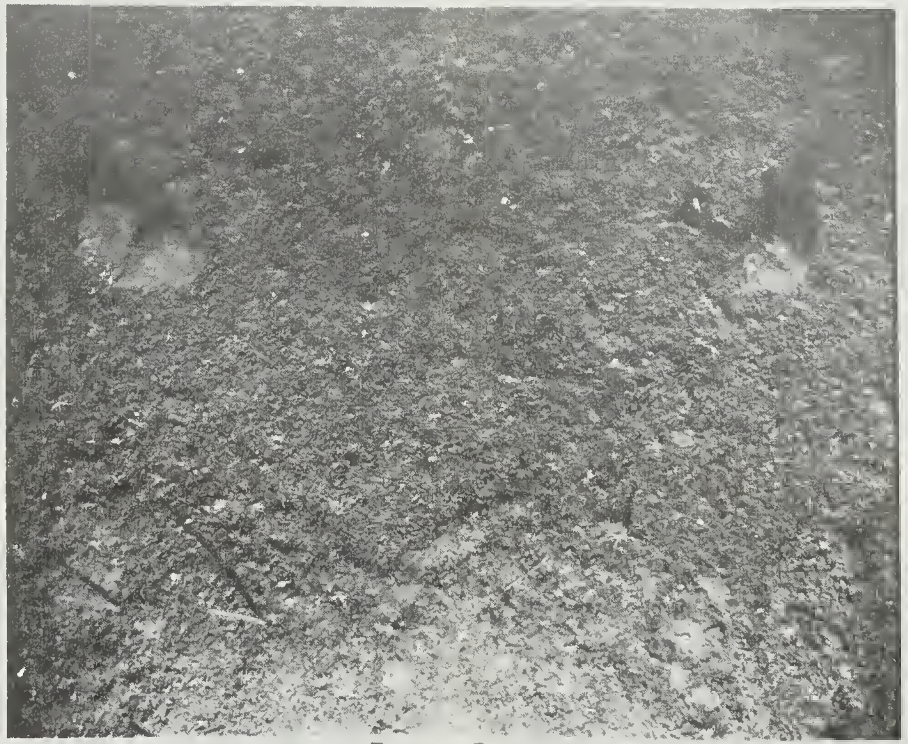
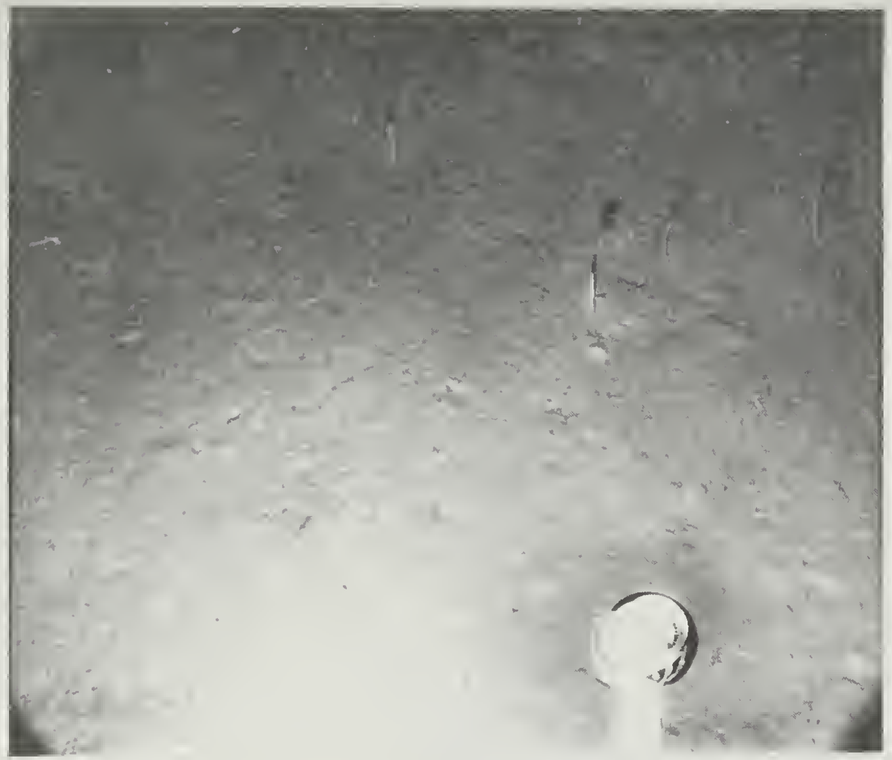


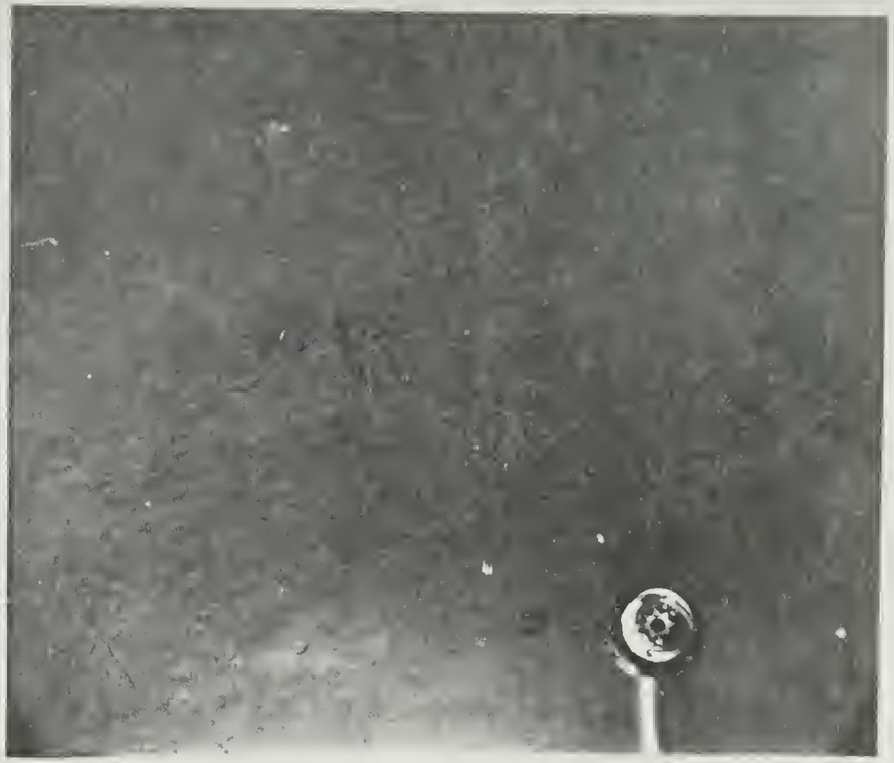


Frame 2

Cruise 37 Ship Sta 9 Camera Sta 8 2073 Meters



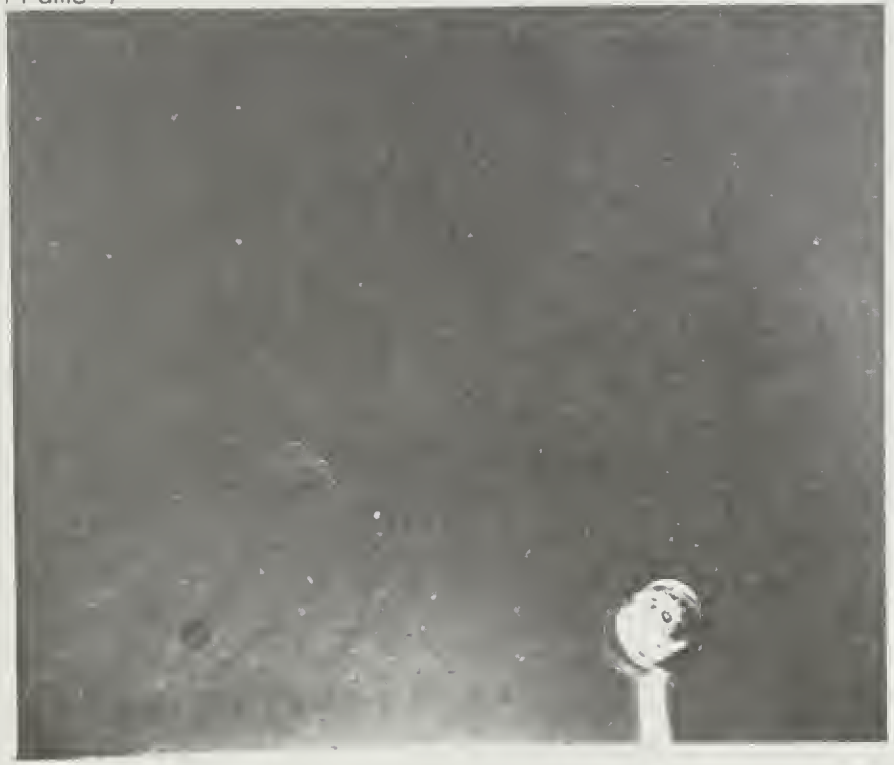
Frame 2



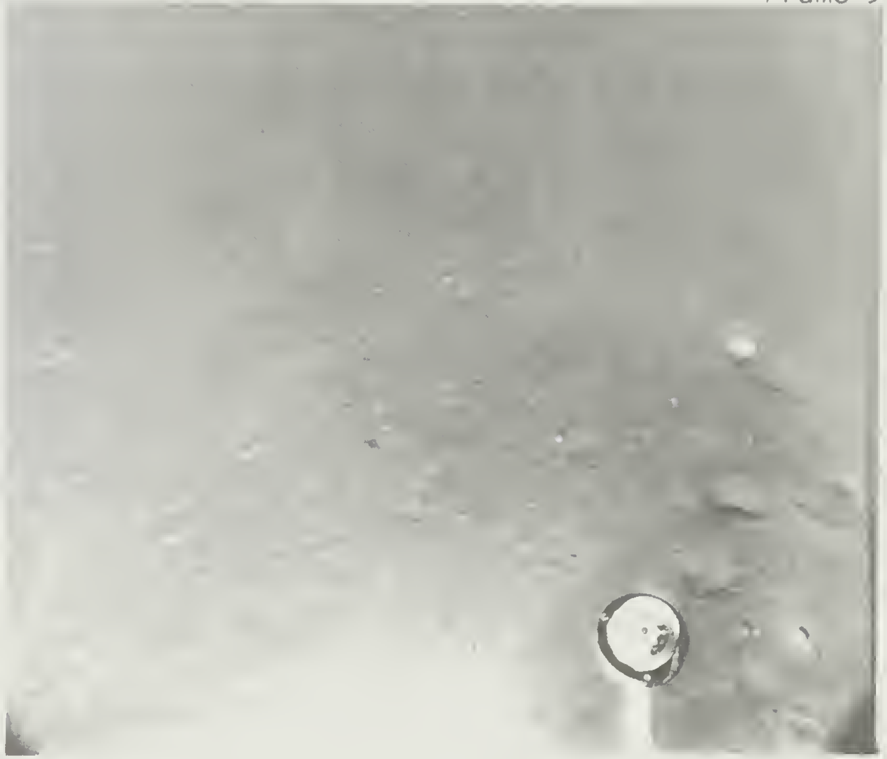
Frame 6

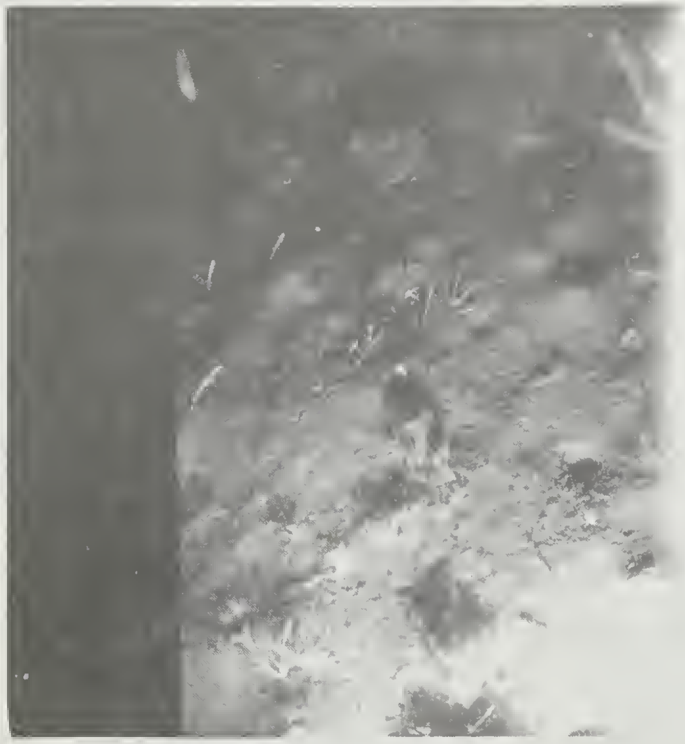
Cruise 37 Ship Sta 13 Camera Sta 9 2405 Meters

Frame 7



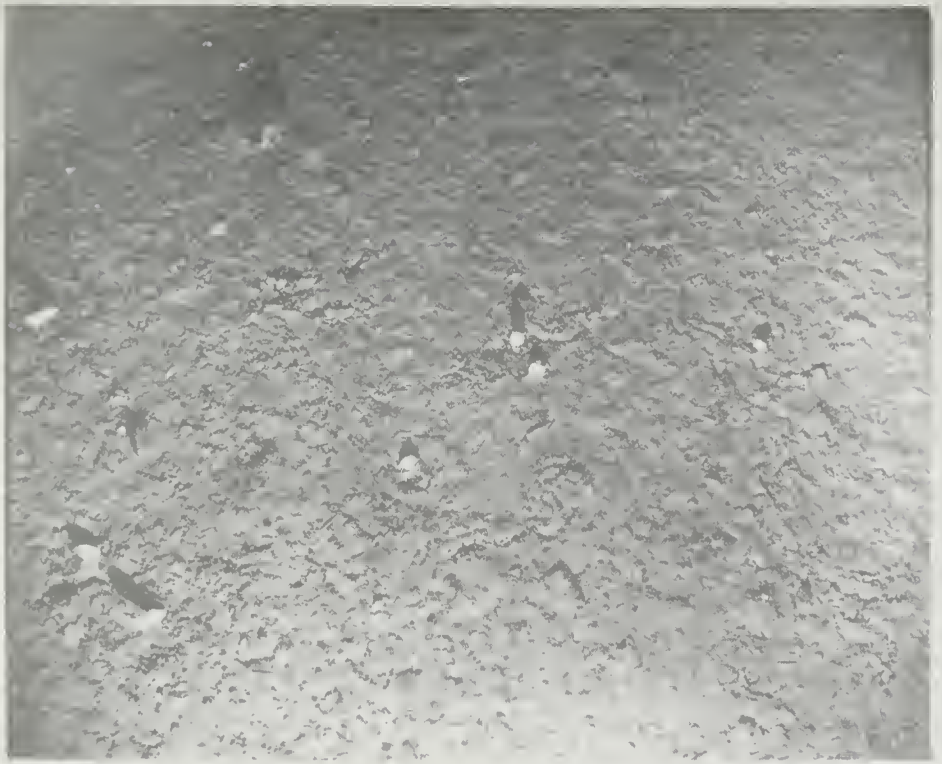
Frame 9



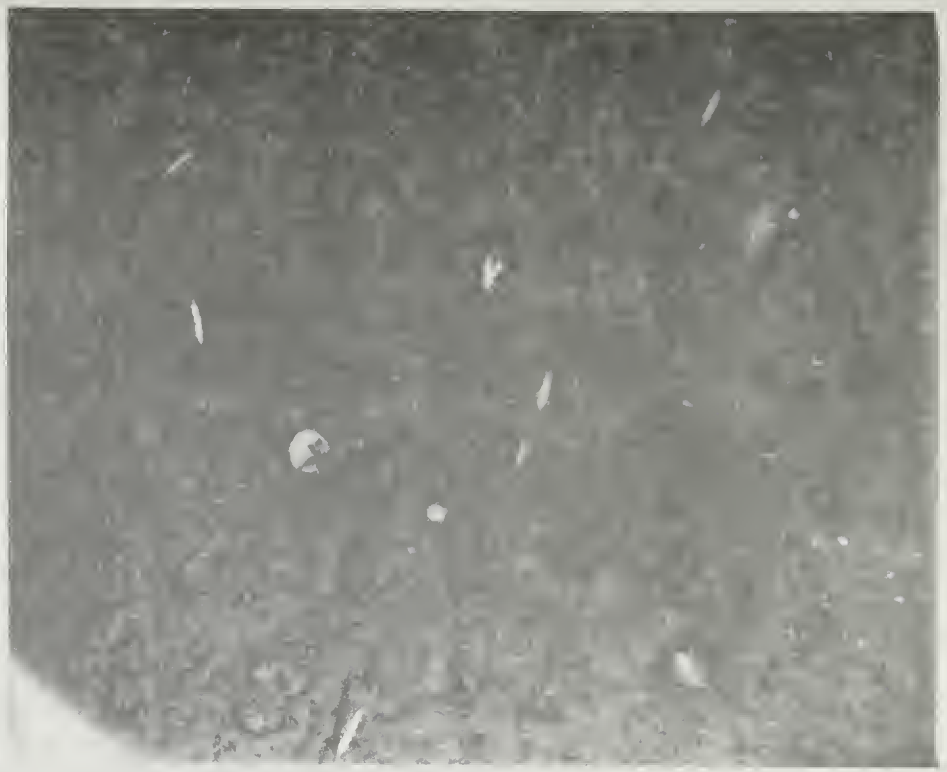


Frame 1

Cruise 37 Ship Sta 16 Camera Sta 10 330 Meters



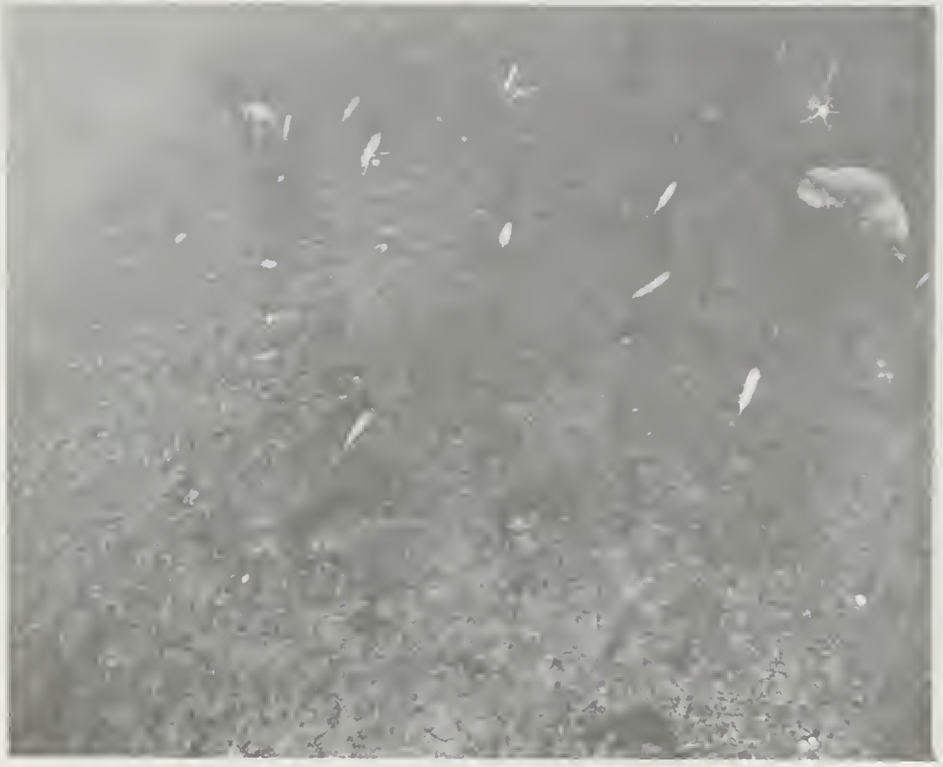
Frame 2



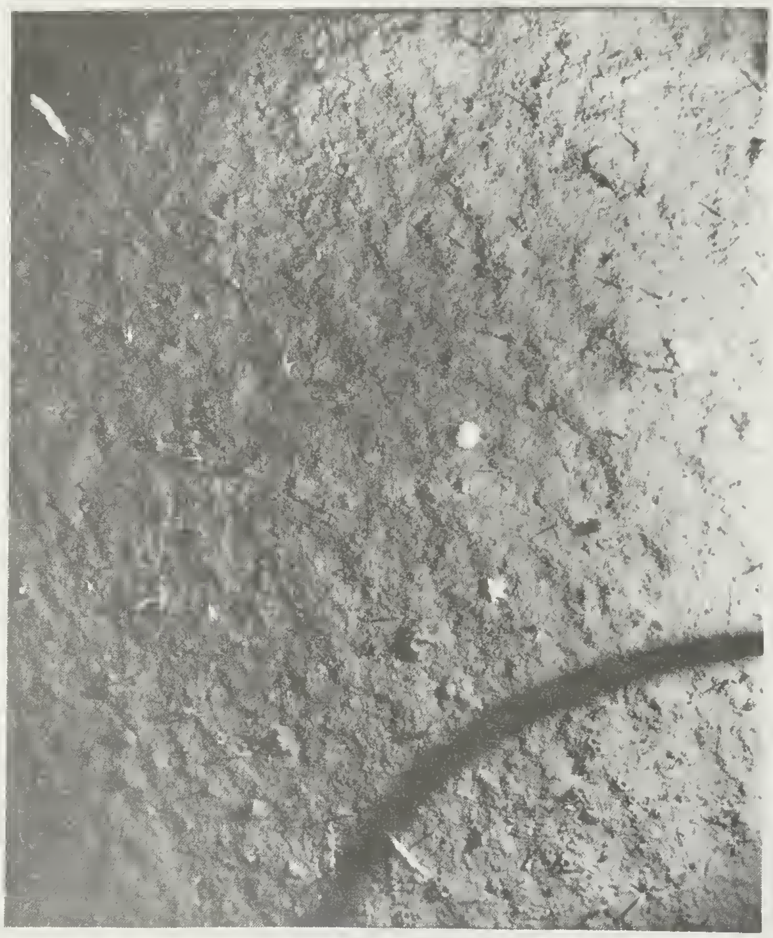
Frame 7

Cruise 37 Ship Sta 17 Camera Sta 11 3151 Meters

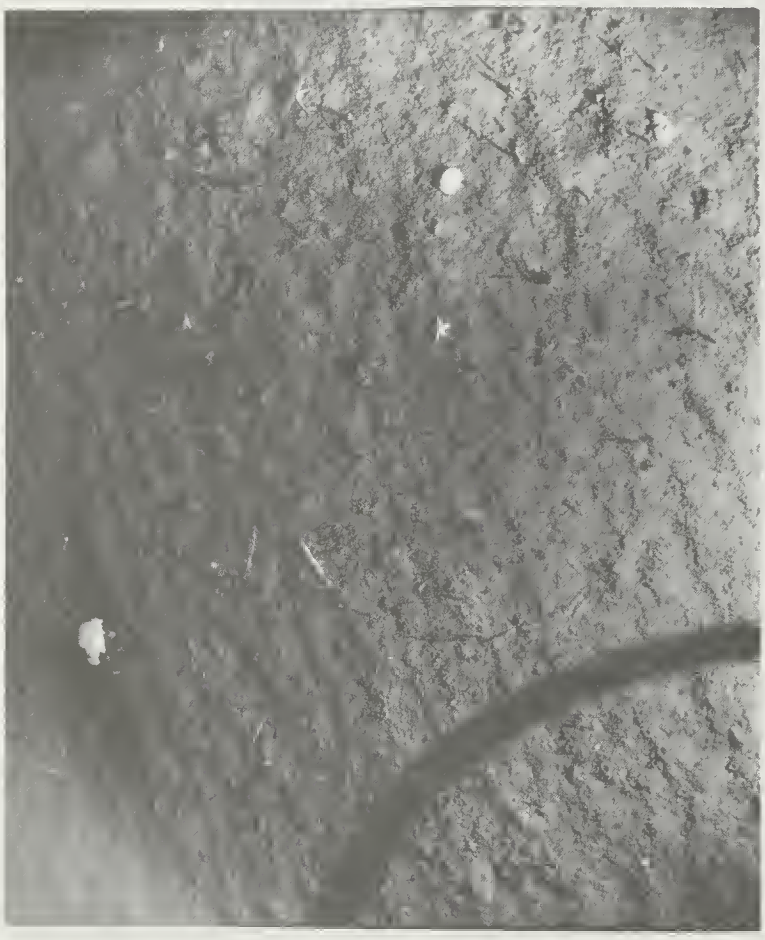
Frame 18



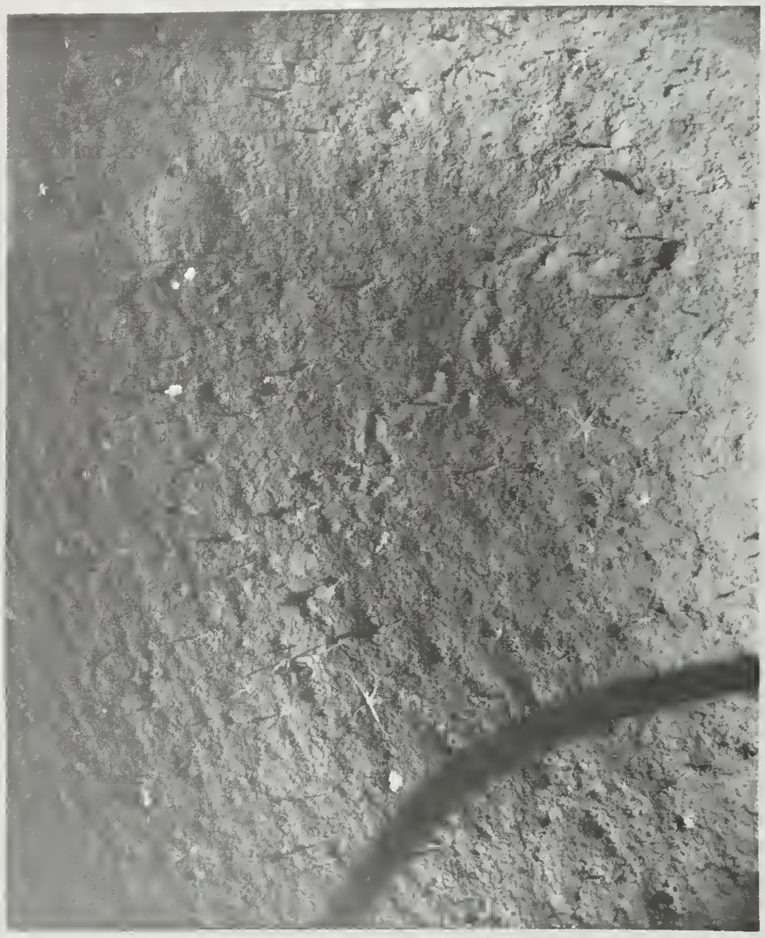
Cruise 37 Ship Sta 18 Camera Sta 12 2200 Meters



Frame 7



Frame 4



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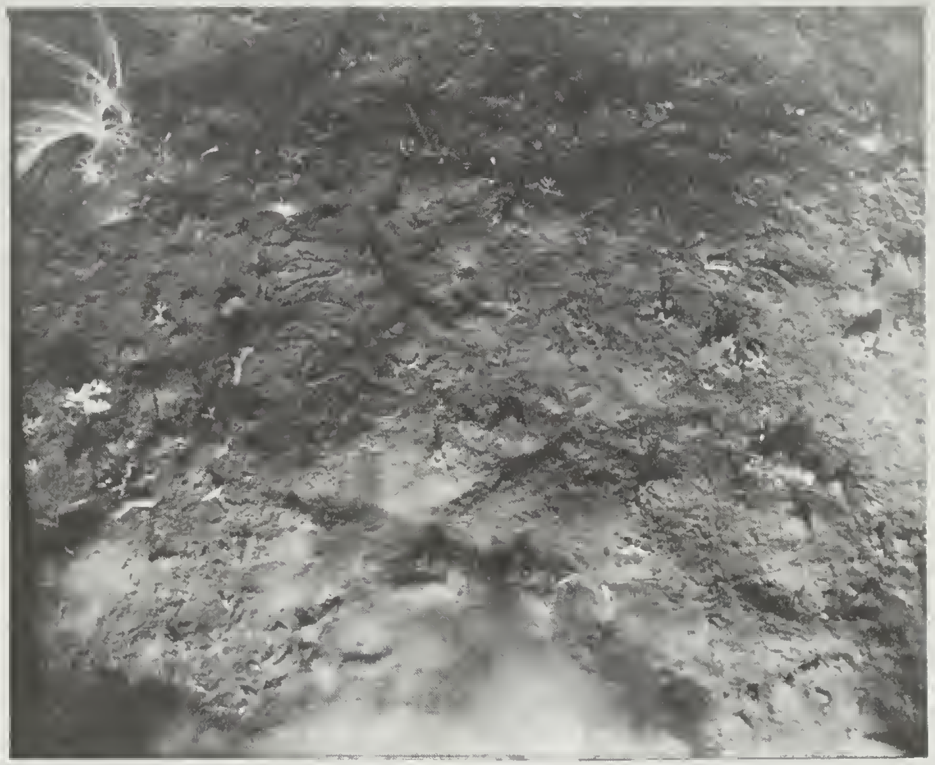
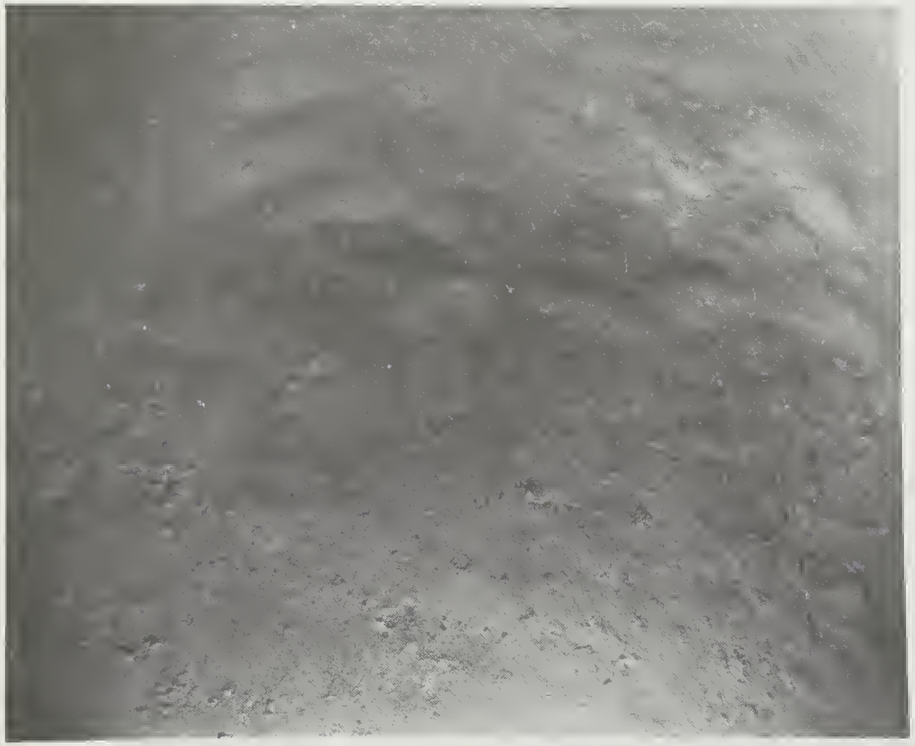
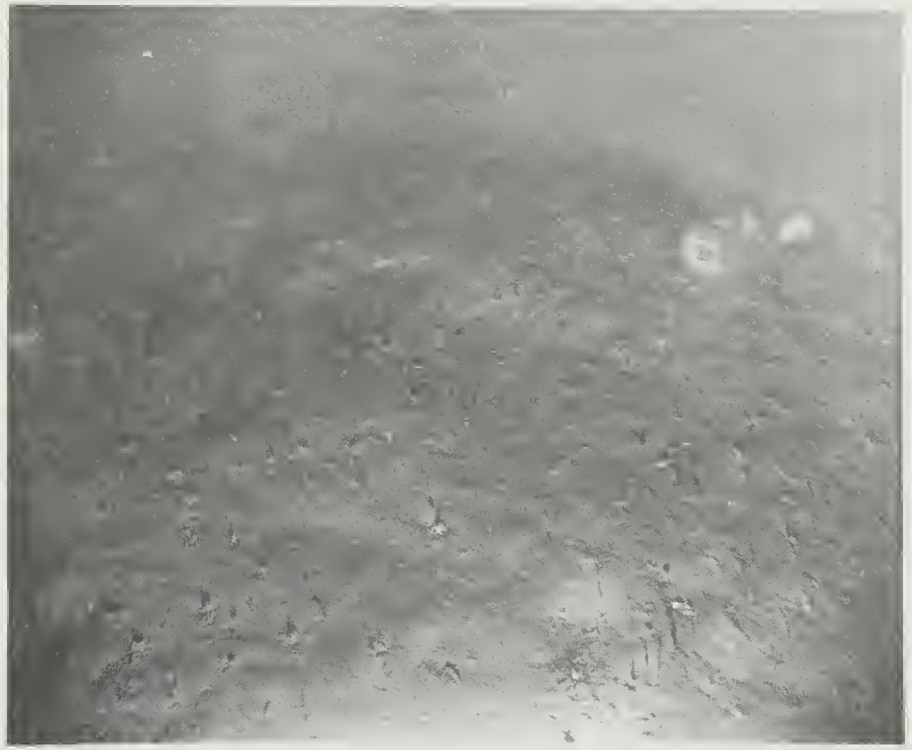


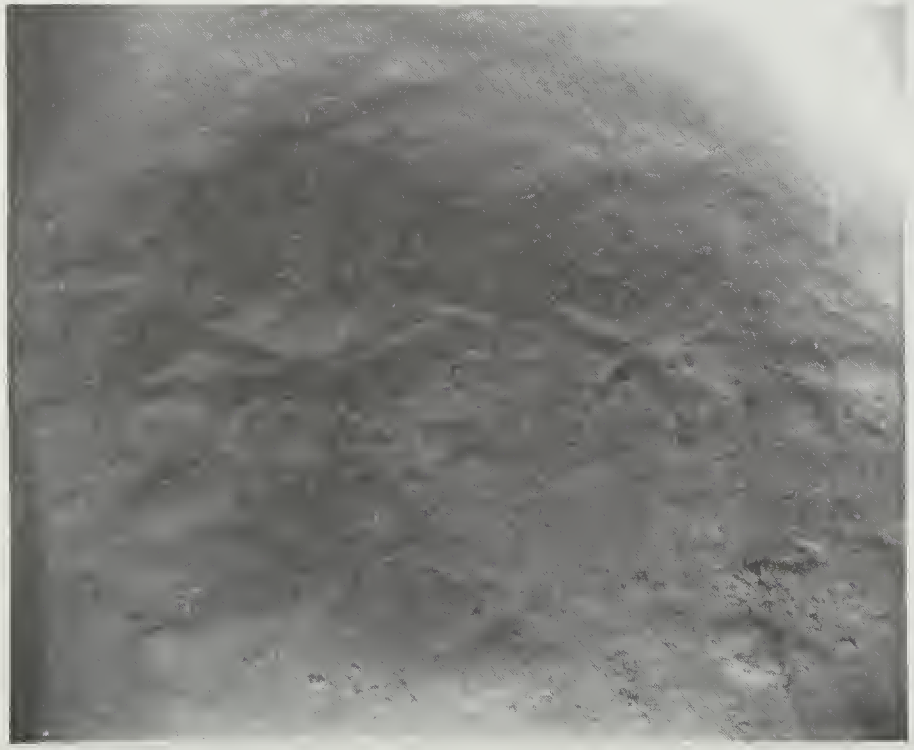
Frame 10

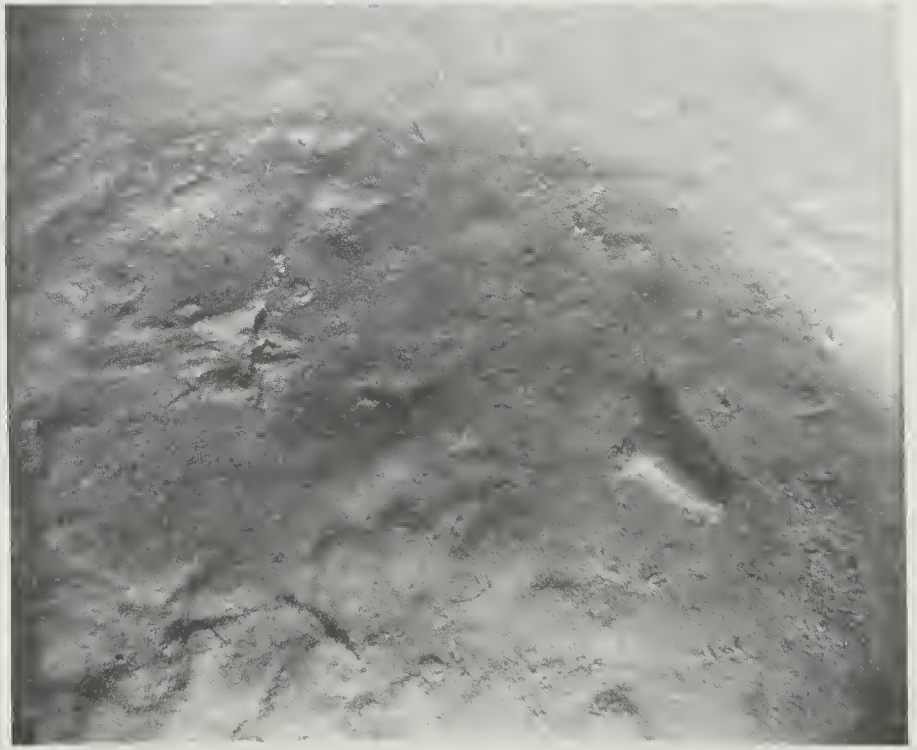
Cruise 37 Ship Sta 21 Camera Sta 13 594 Meters

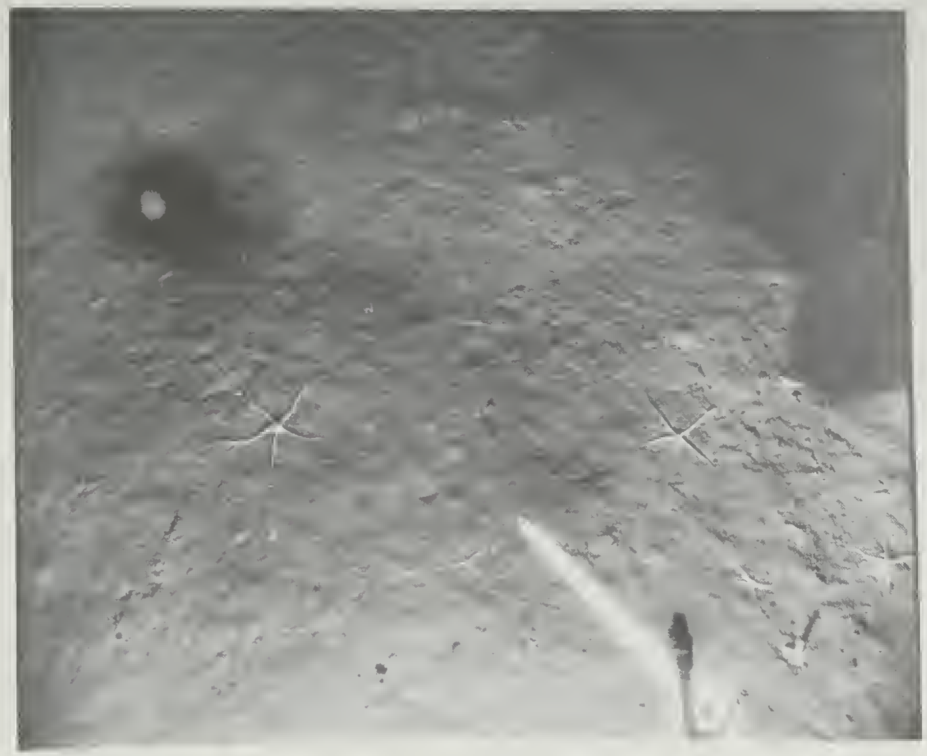

Frame 3


Frame 12

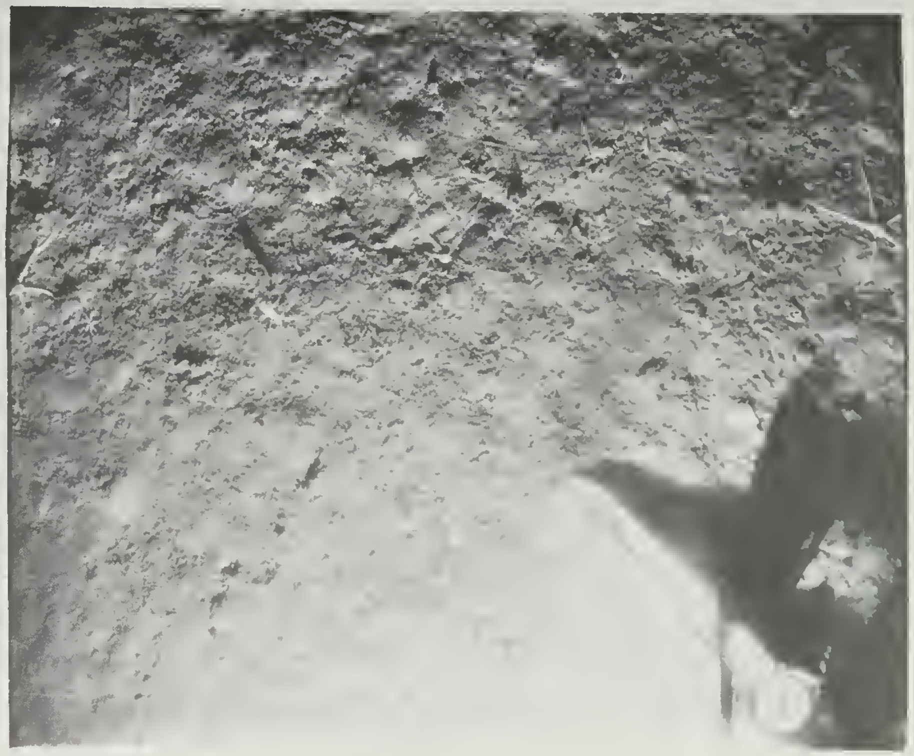
Cruise 37 Ship Sta 21 Camera Sta 14 655 Meters

Frame 16


Frame 18




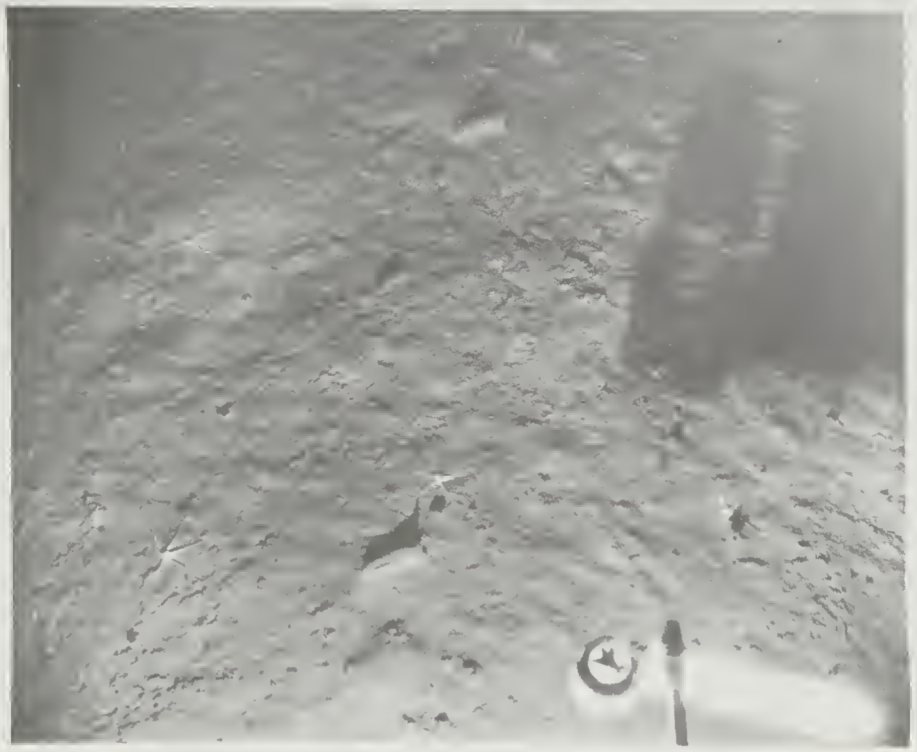
Frame 3



Frame 7

Cruise 37 Ship Sta 23 Camera Sta 15 2238 Meters

Frame 17



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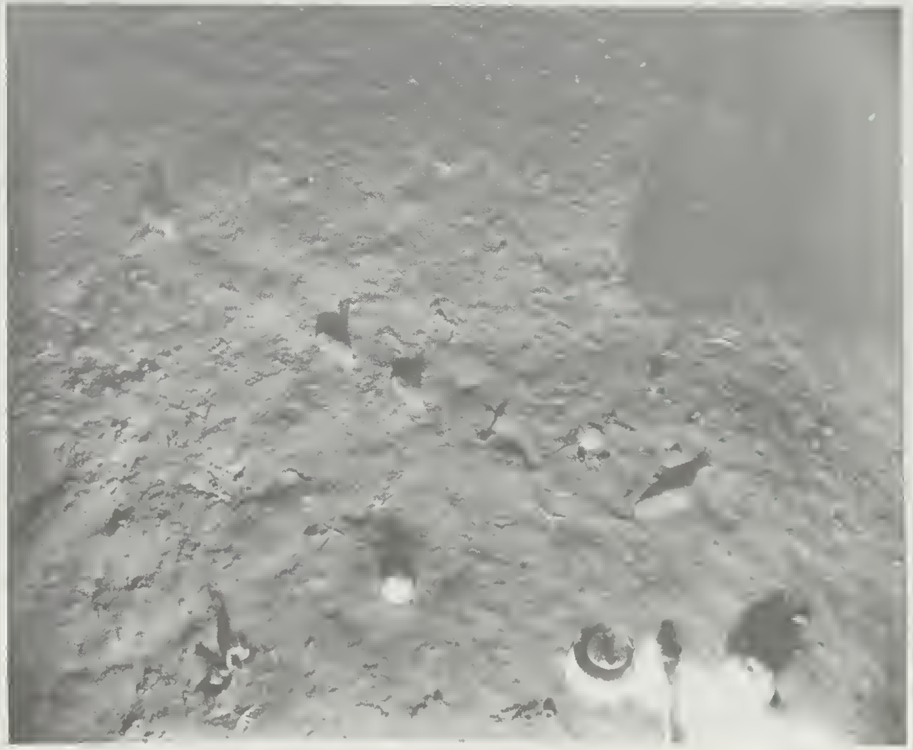
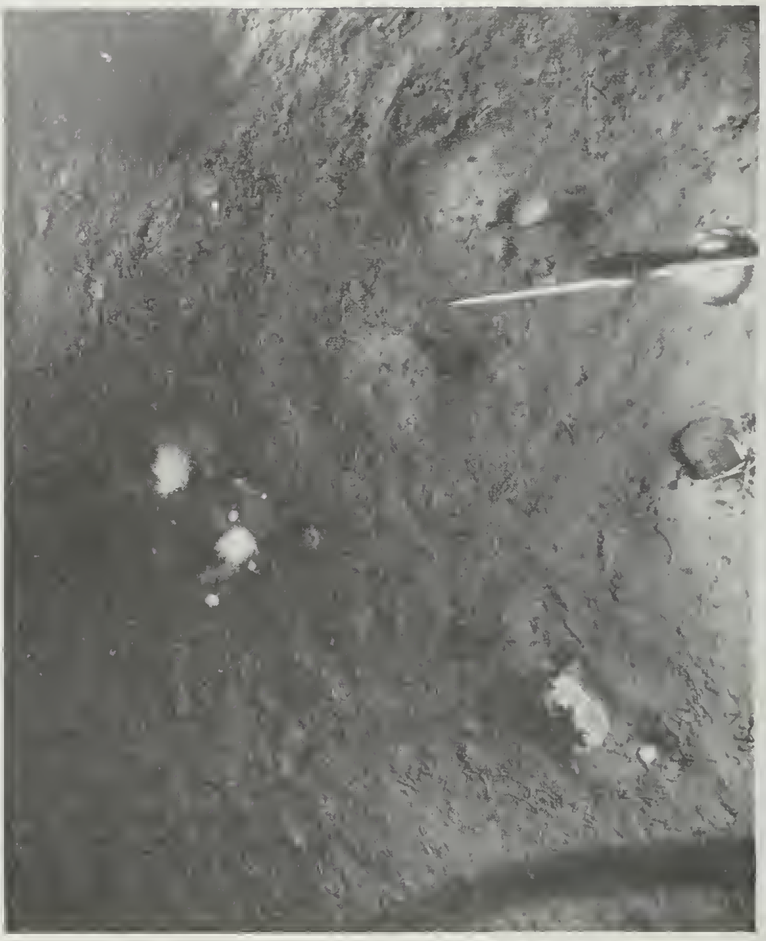
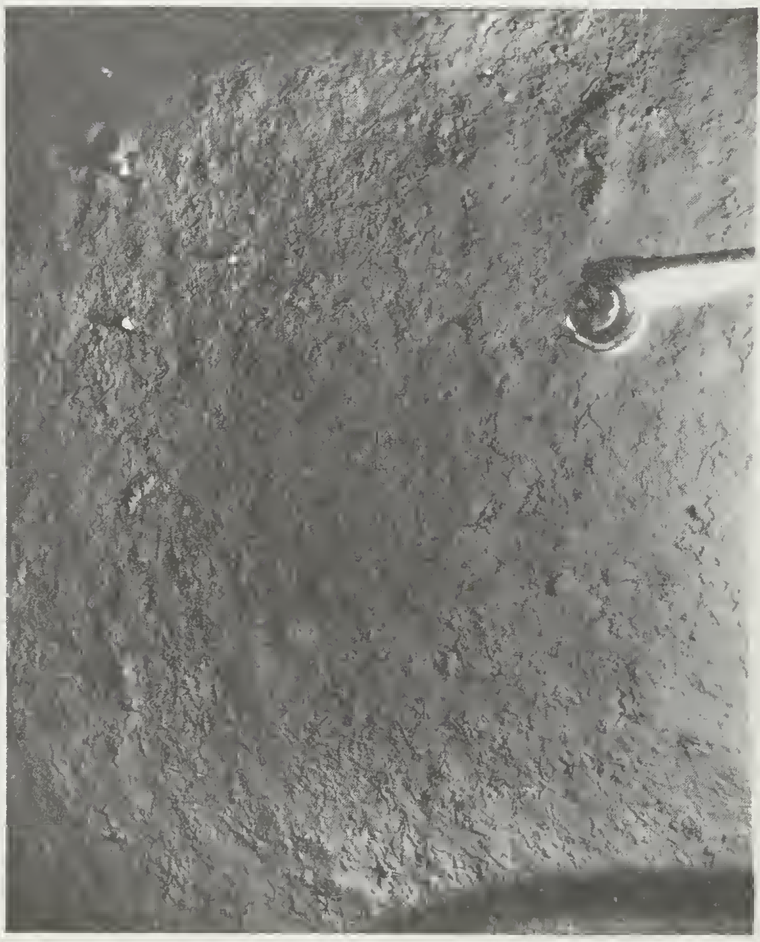


Frame 36

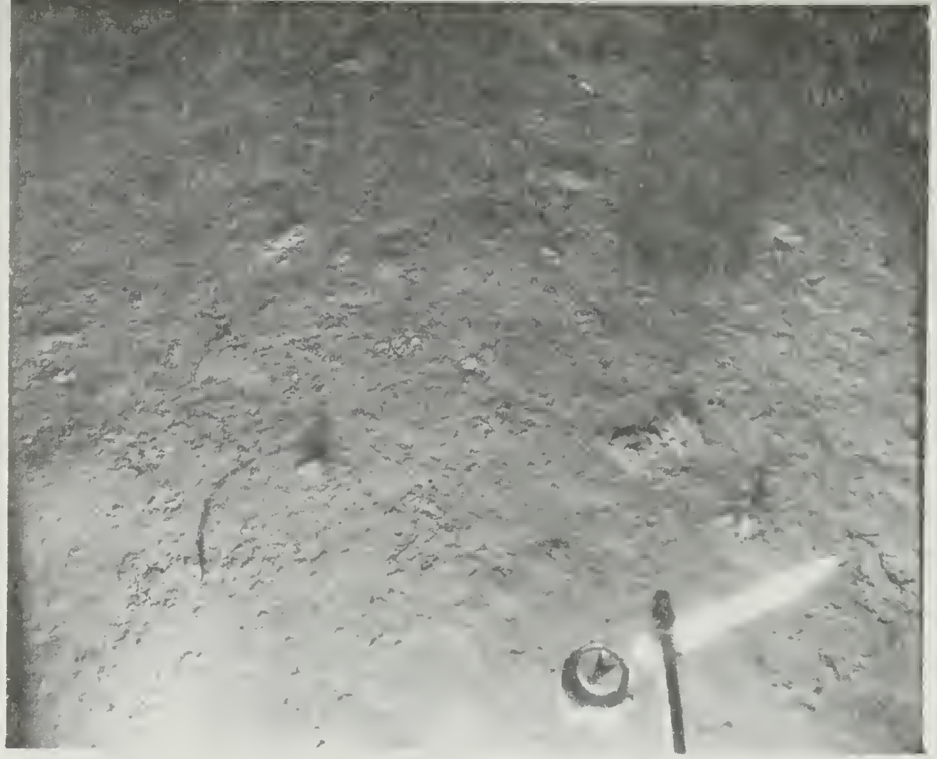

Frame 29

Cruise 37 Ship Sta 24 Camera Sta 16 3097 Meters

Frame 20


Frame 6

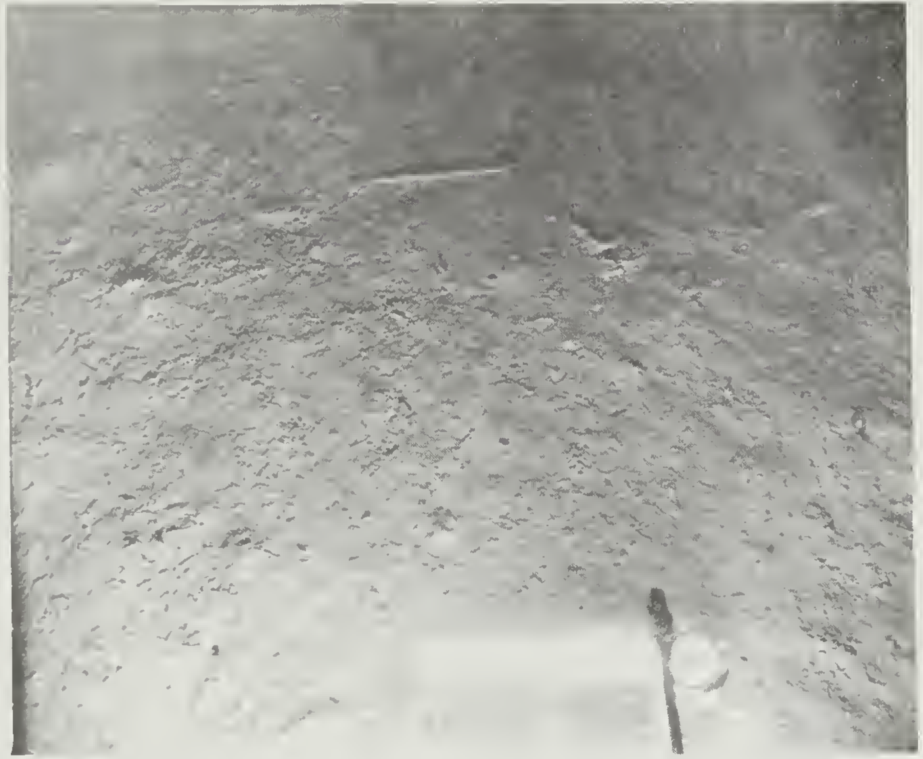
Frame 4



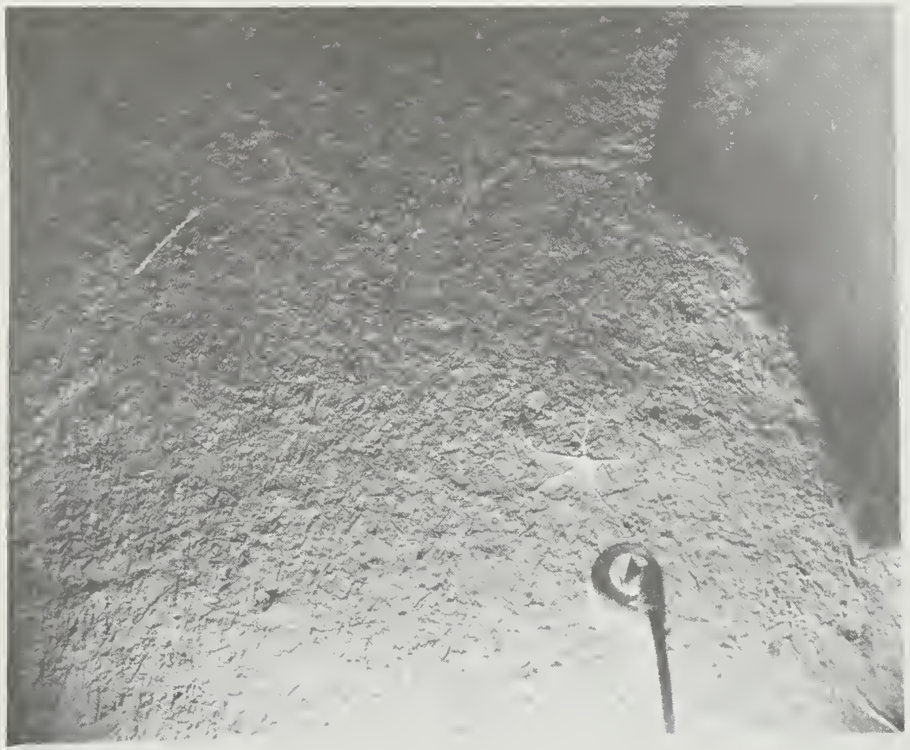
Frame 8

Cruise 37 Ship Sta 25 Camera Sta 17 3458 Meters

Frame 14



Frame 36



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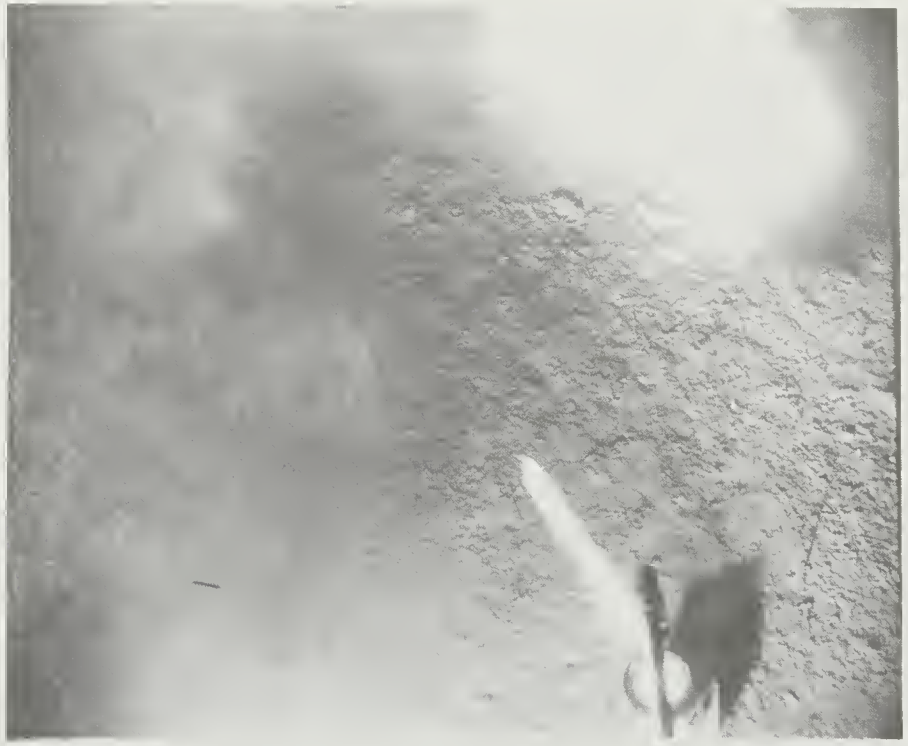
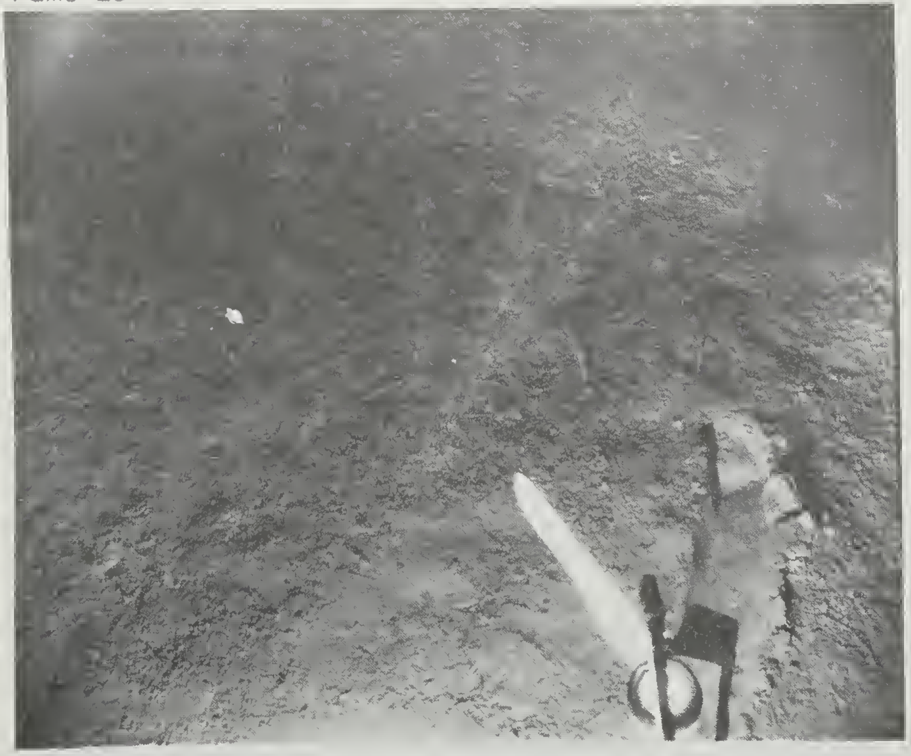


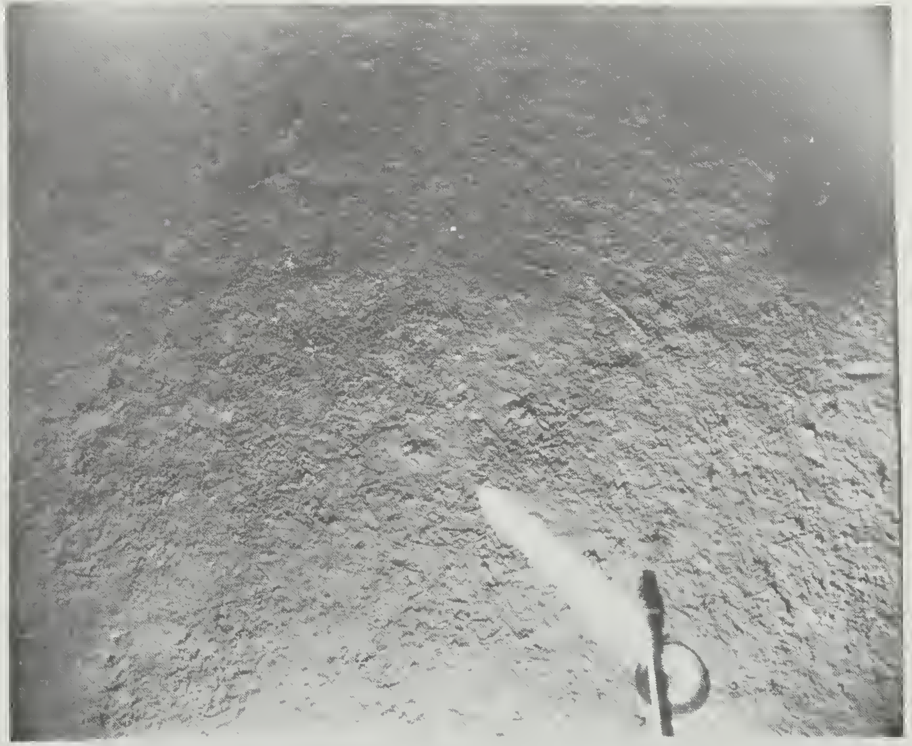
Frame 15

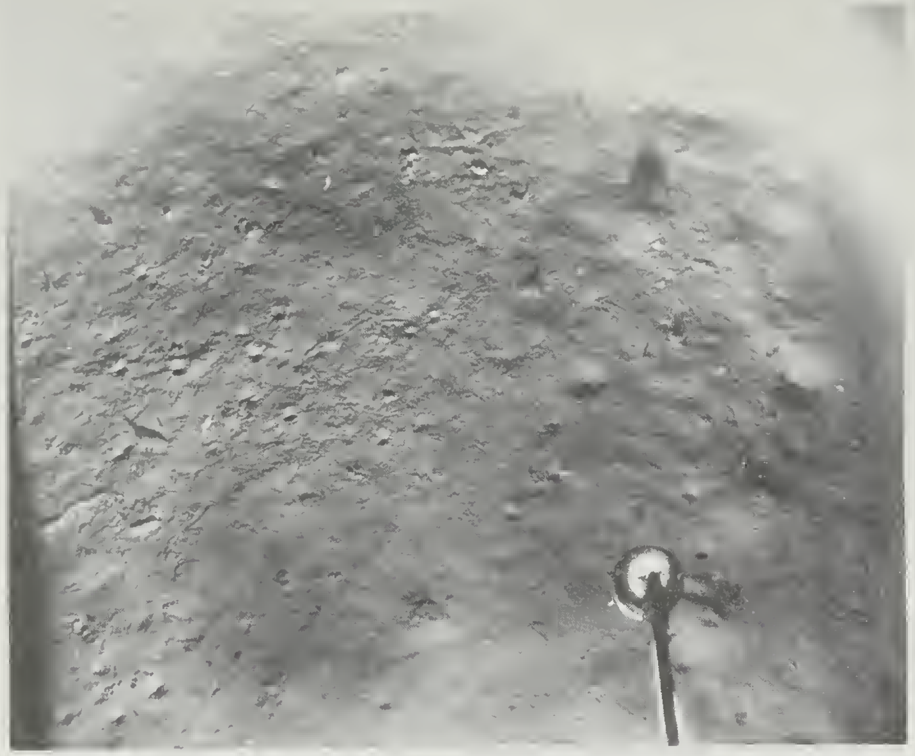
Cruise 37 Ship Sta 26 Camera Sta 18 3440 Meters

Frame 23

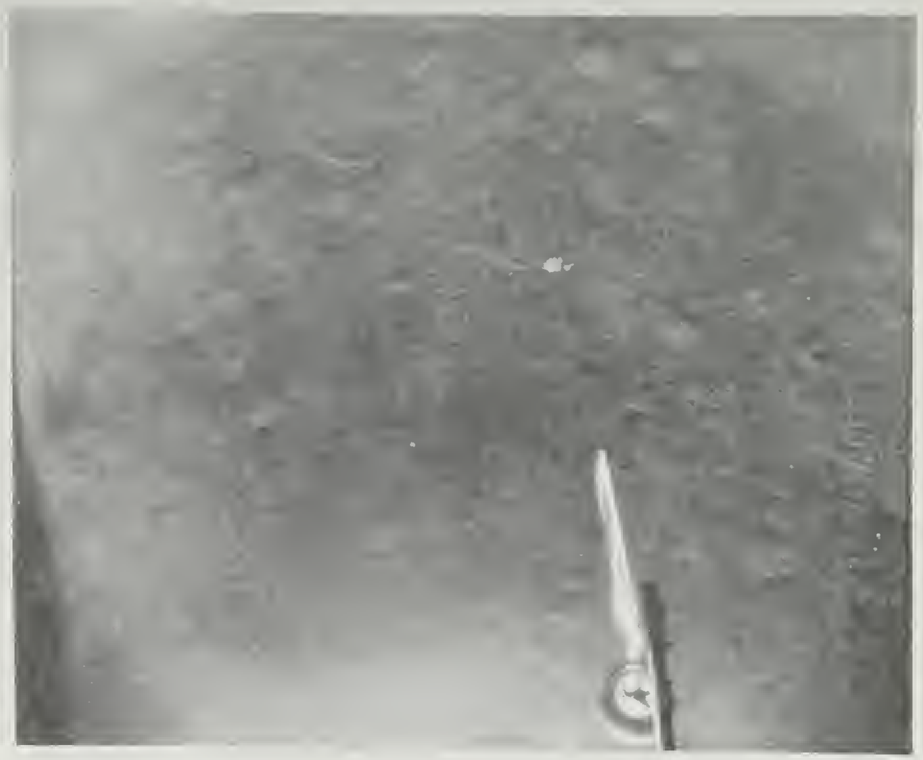


Frame 33





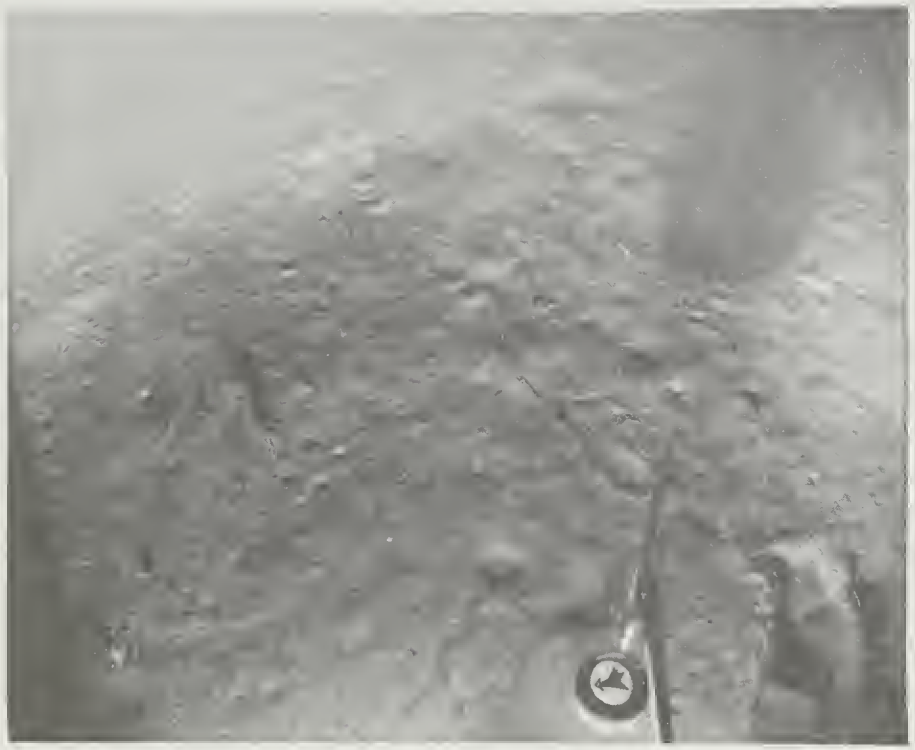
Frame 1



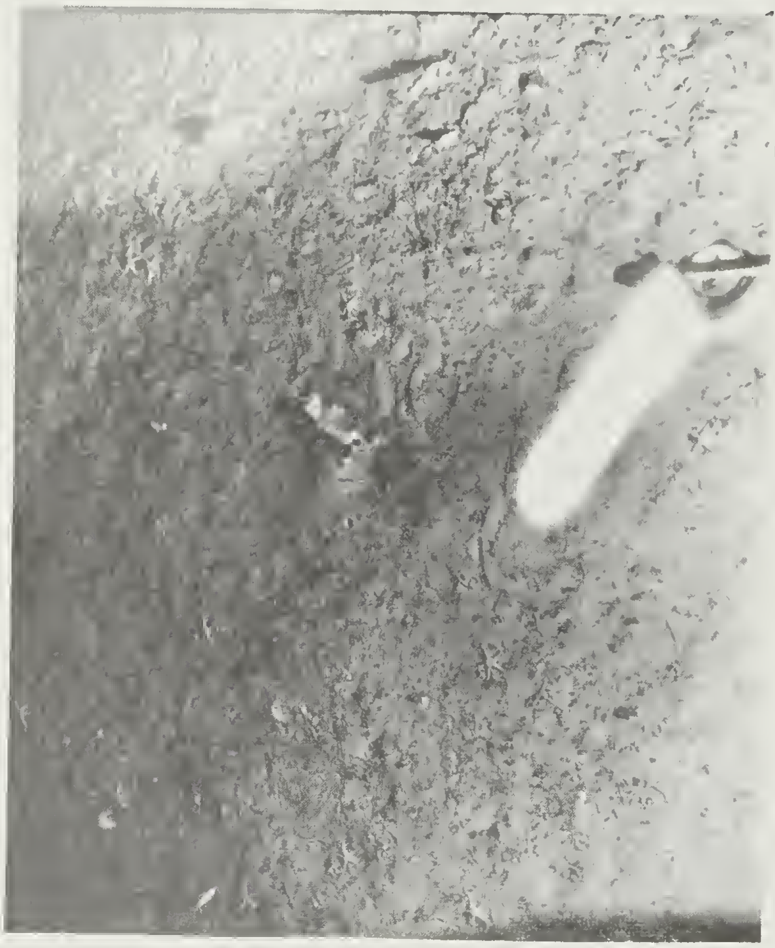
Frame 11

Cruise 37 Ship Sta 28 Camera Sta 19 1245 Meters

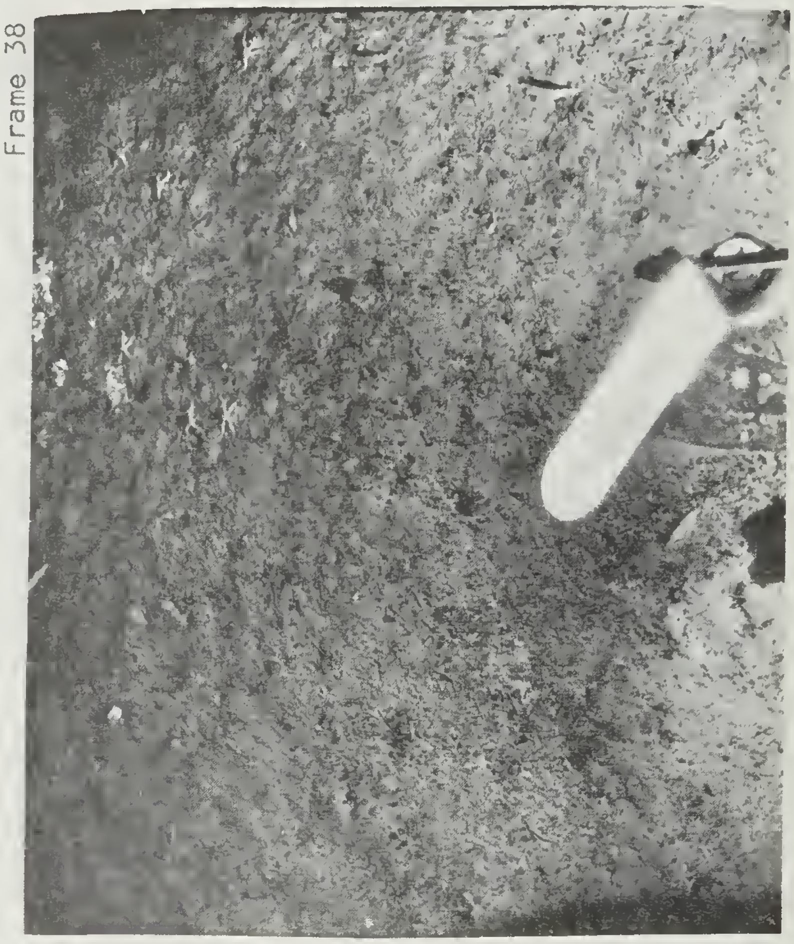
Frame 30



Cruise 37 Ship Sta 32 Camera Sta 20 3188 Meters

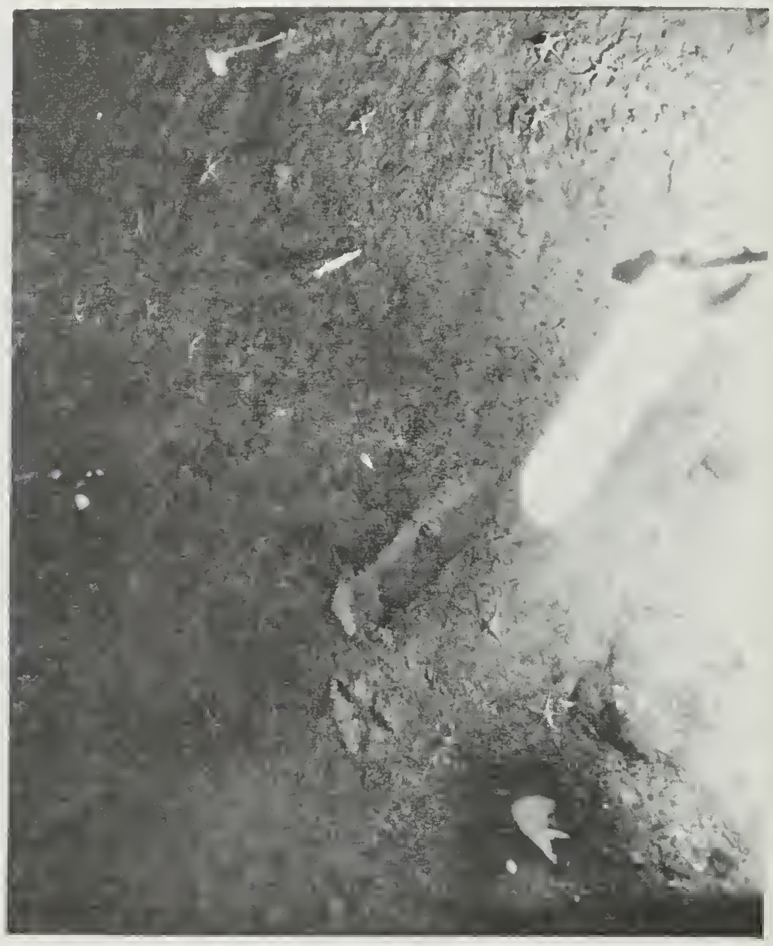


Frame 25

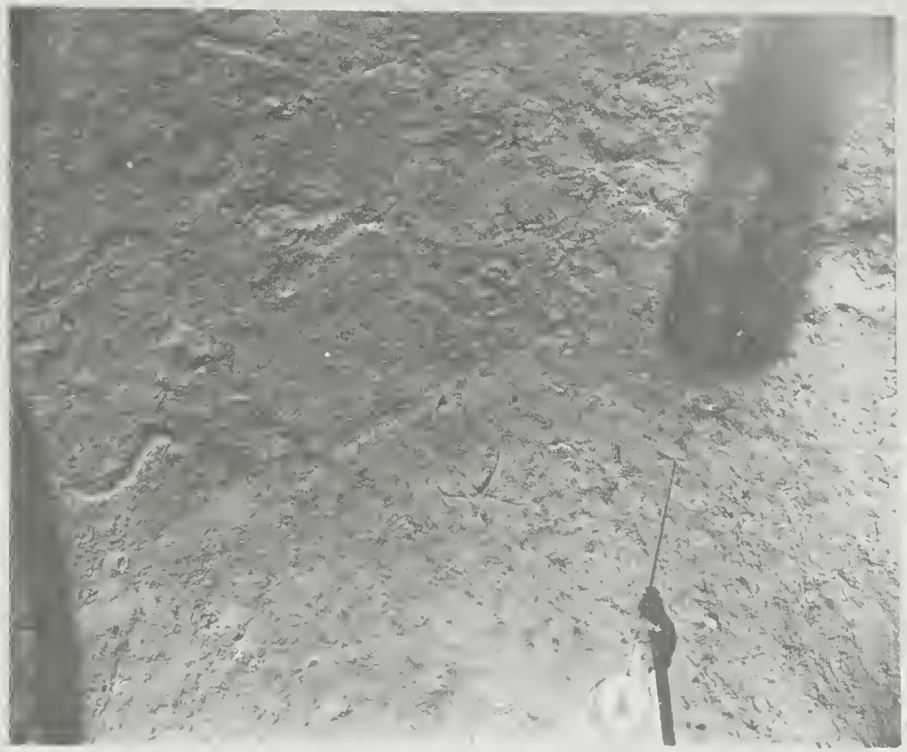


Frame 38

Frame 15



Frame 32



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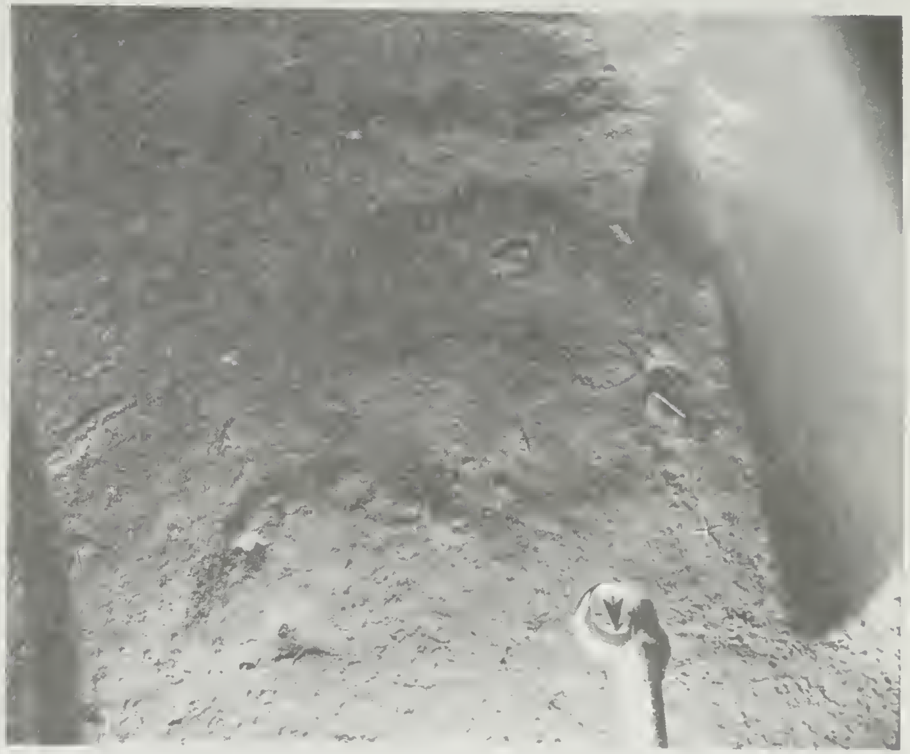
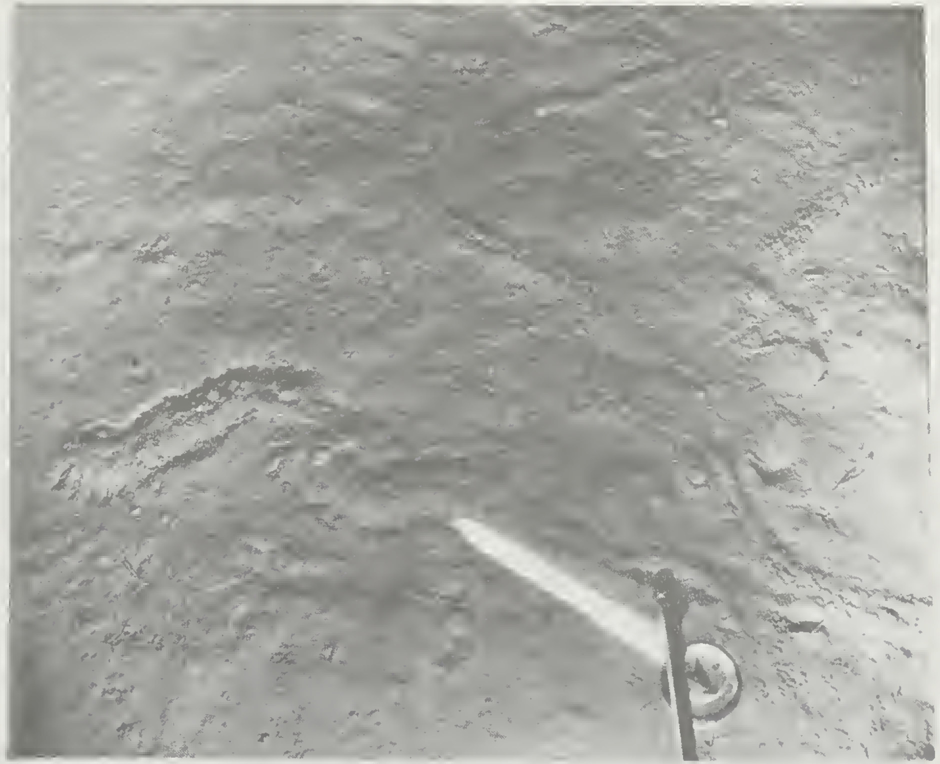
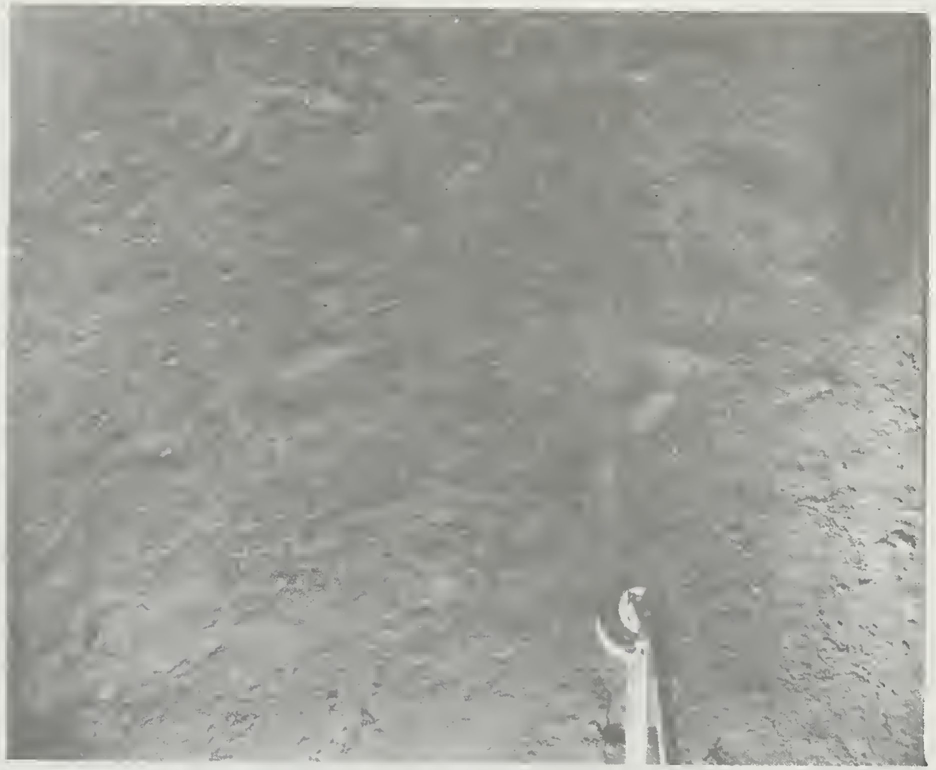


Frame 27

Cruise 37 Ship Sta 35 Camera Sta 21 2111 Meters



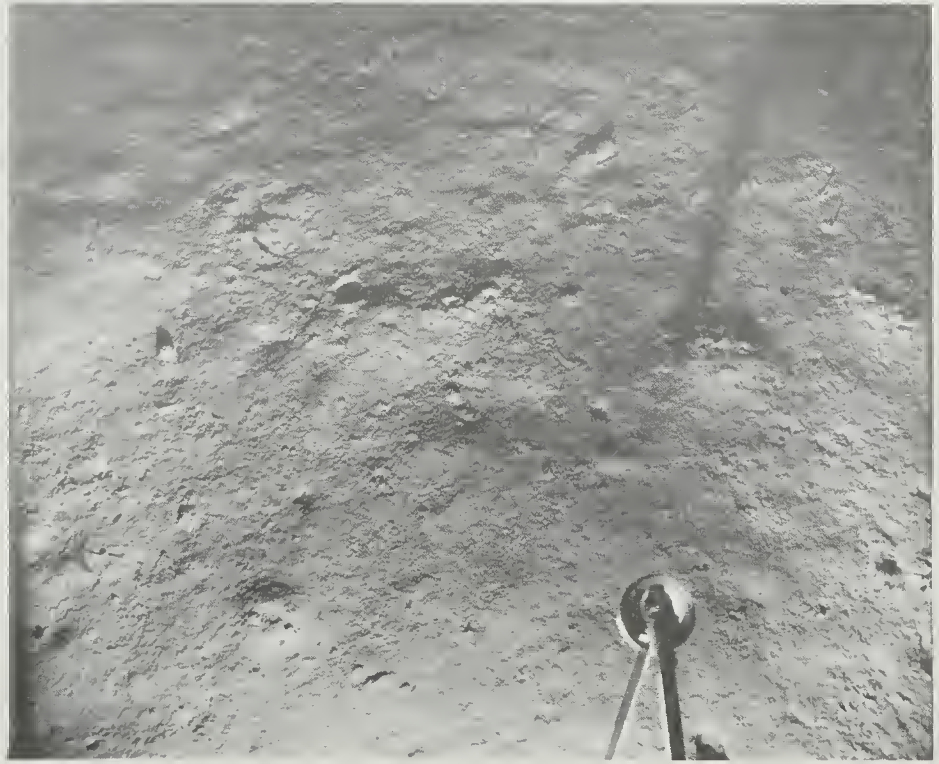
Frame 6



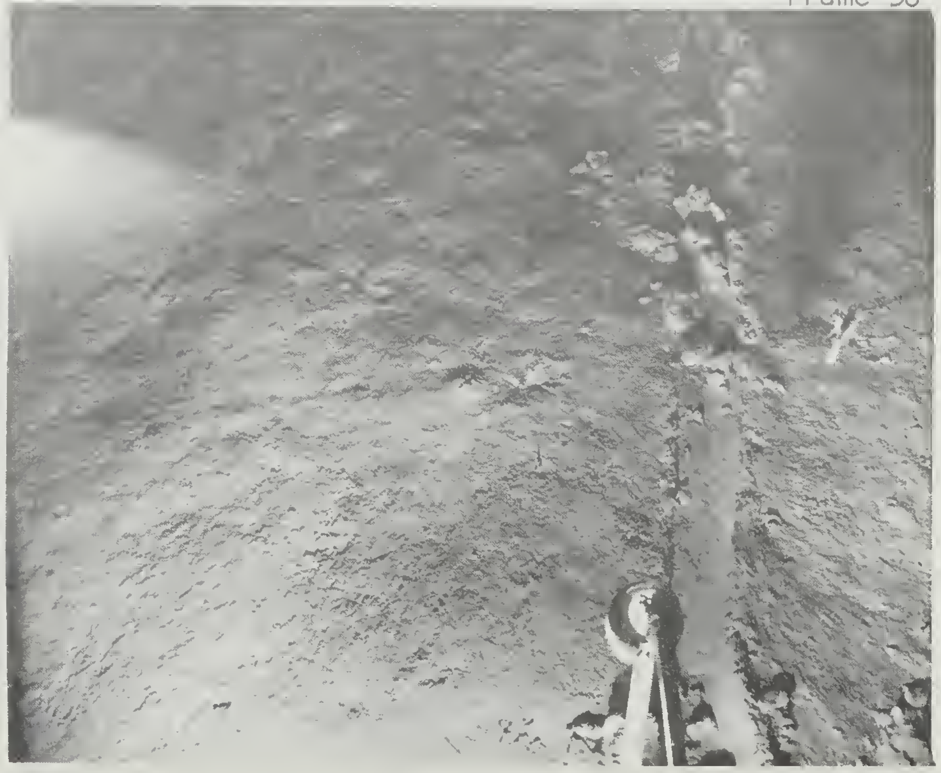
Frame 18

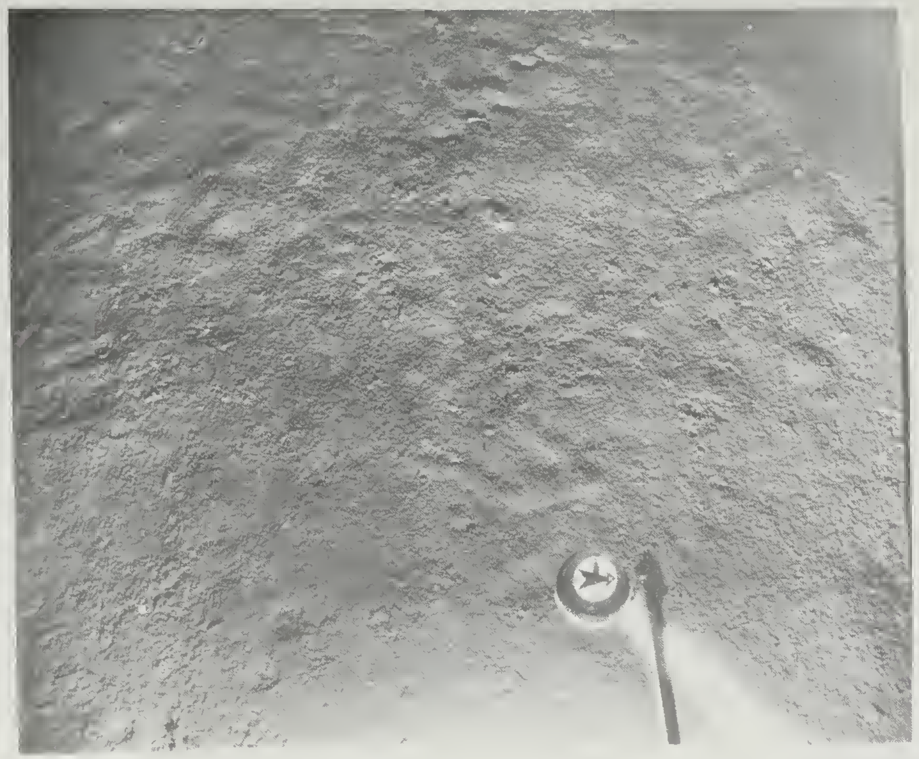
Cruise 37 Ship Sta 36 Camera Sta 22 3914 Meters

Frame 21

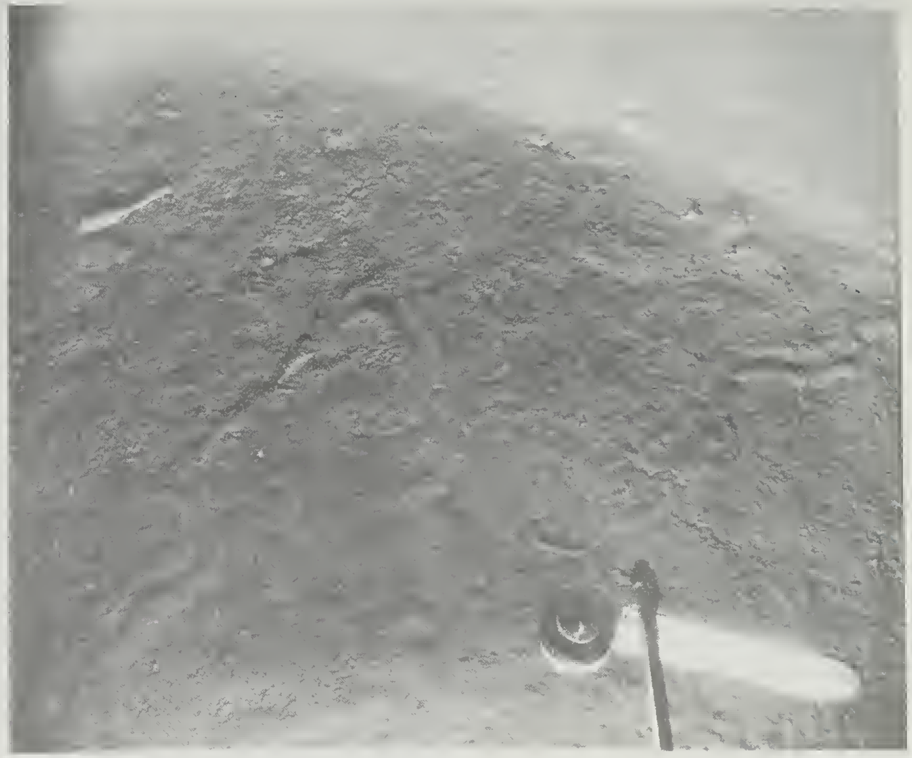


Frame 36





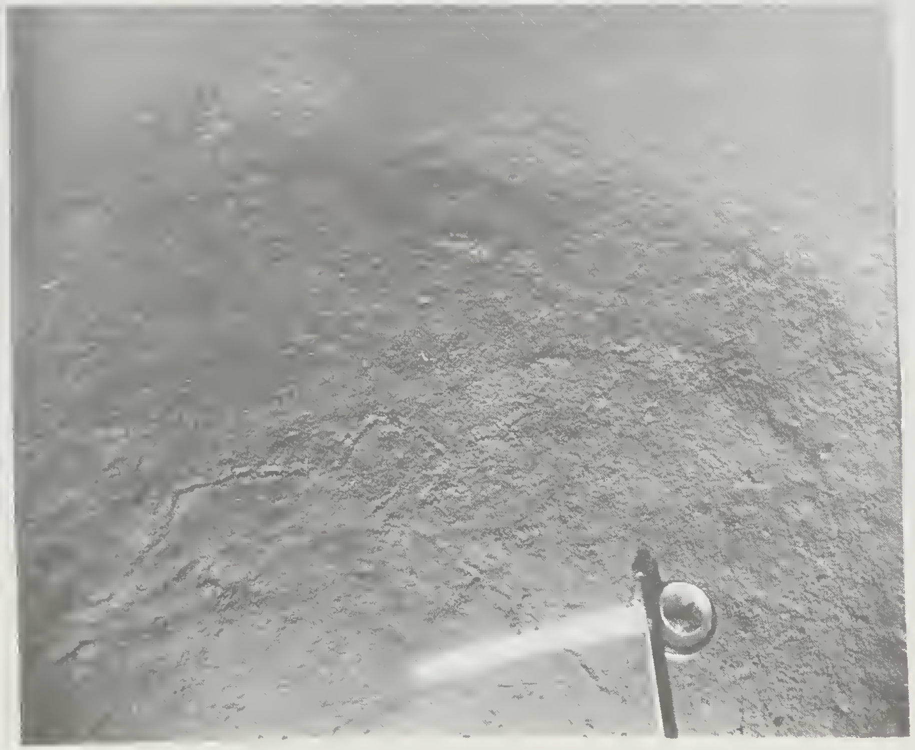
Frame 7



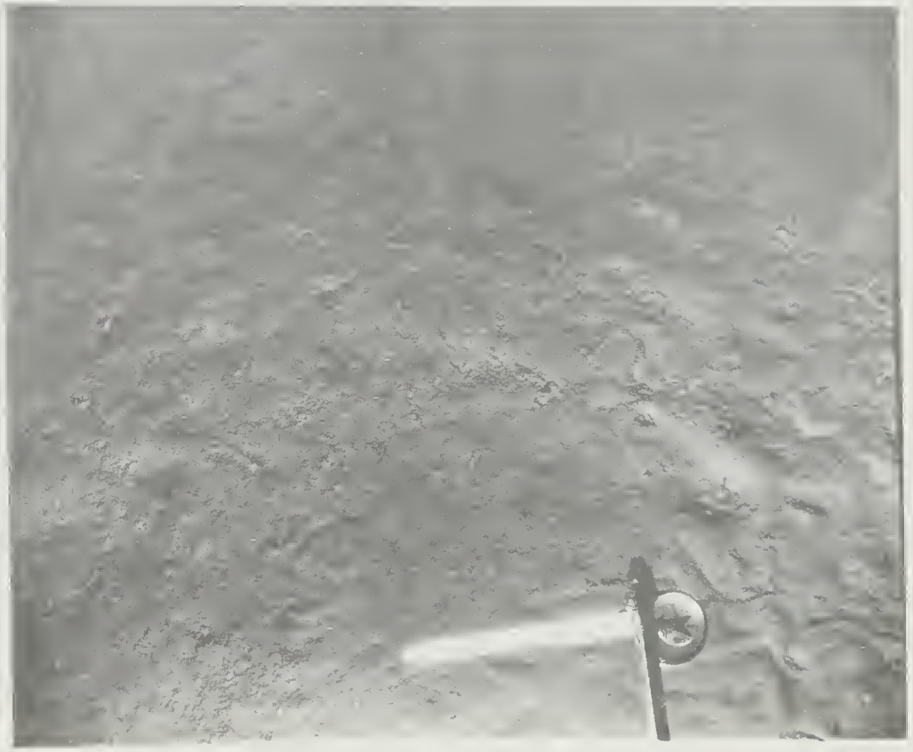
Frame 19

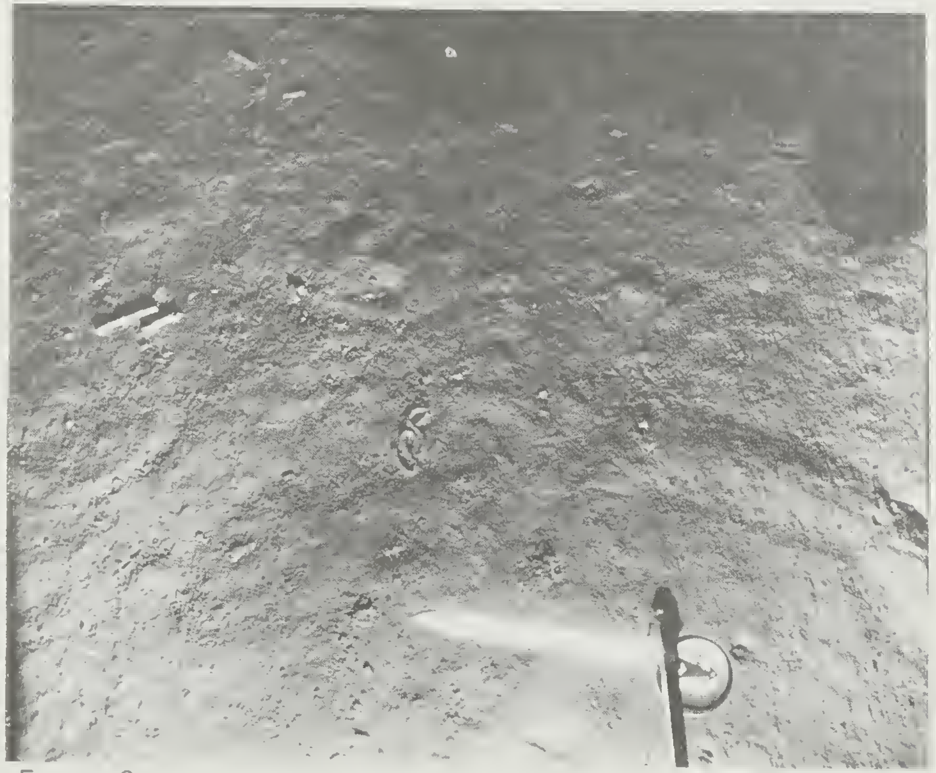
Cruise 37 Ship Sta 37 Camera Sta 23 4160 Meters

Frame 25

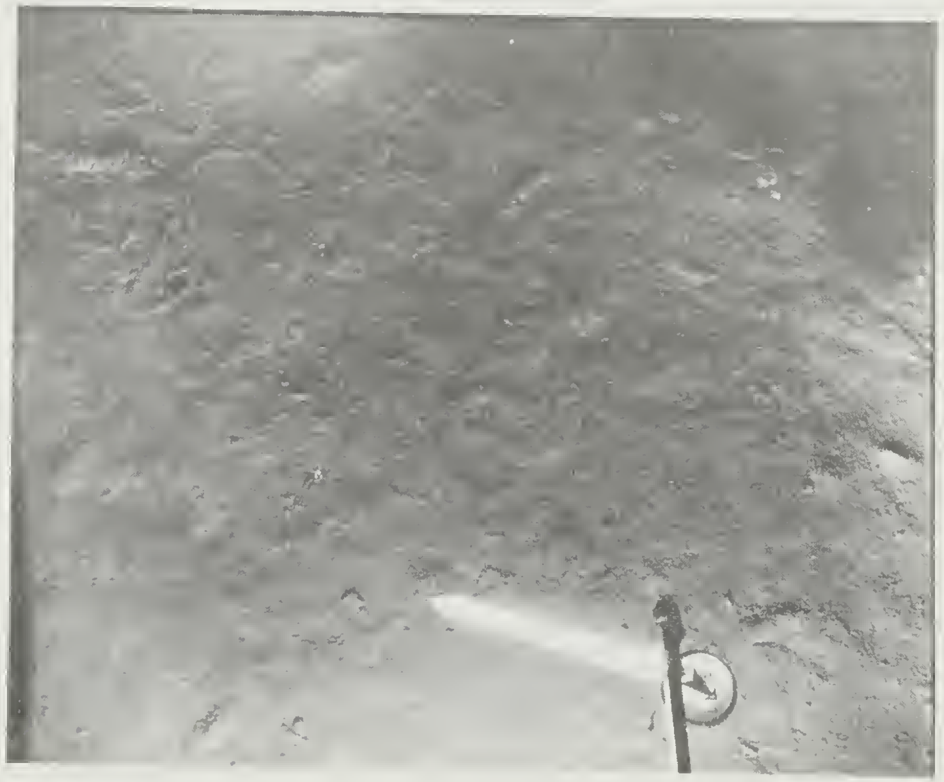


Frame 36





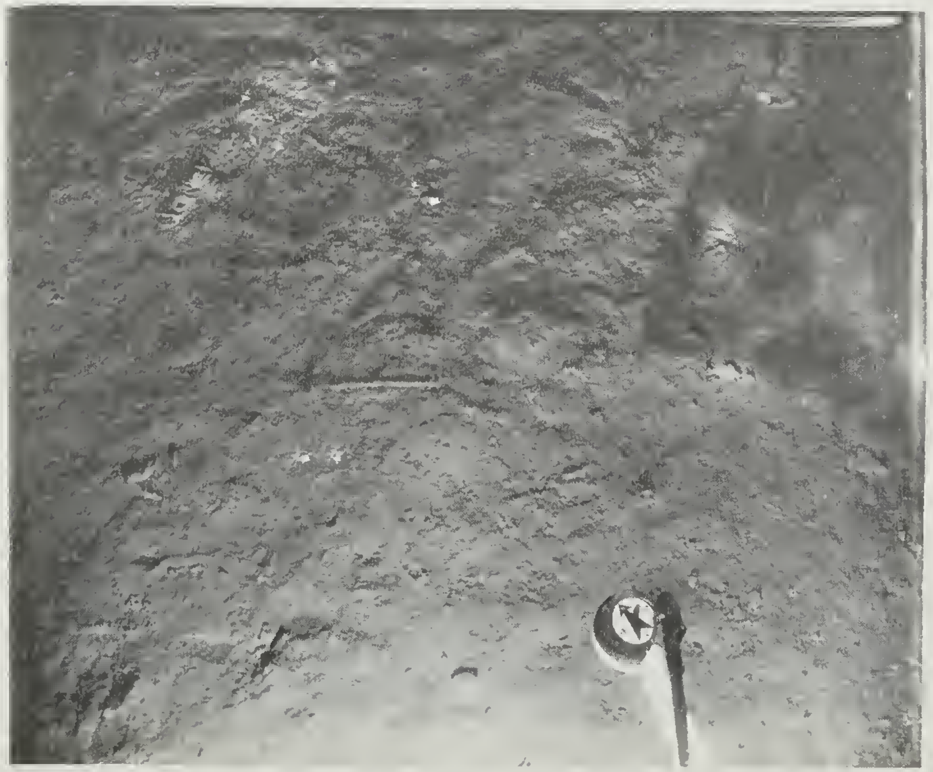
Frame 9



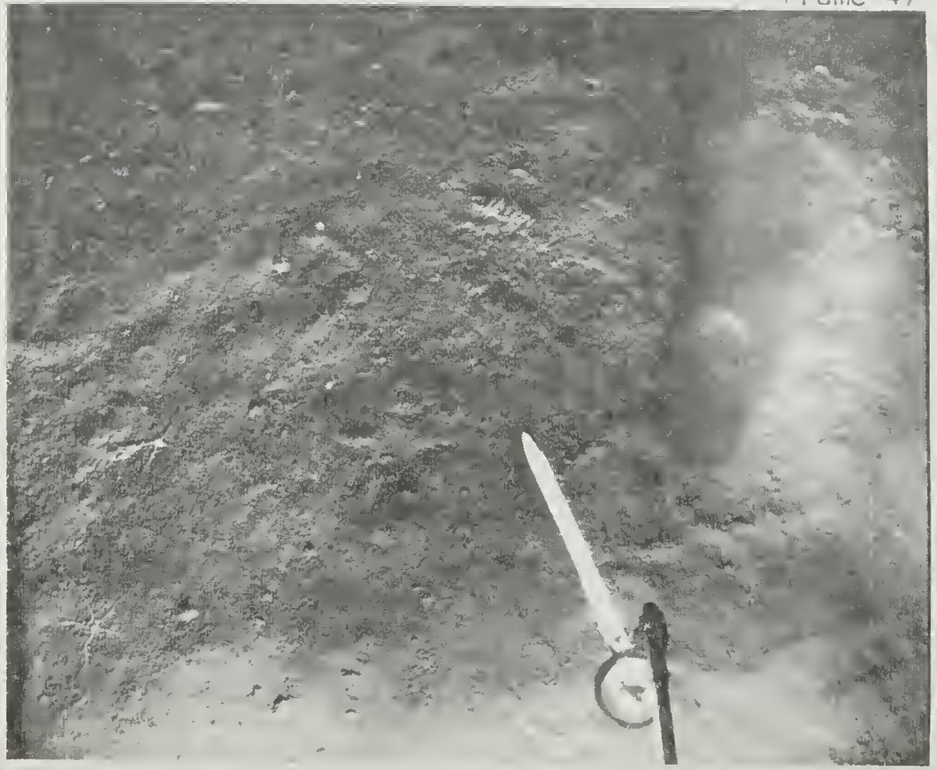
Frame 14

Cruise 37 Ship Sta 38 Camera Sta 24 4236 Meters

Frame 26



Frame 47

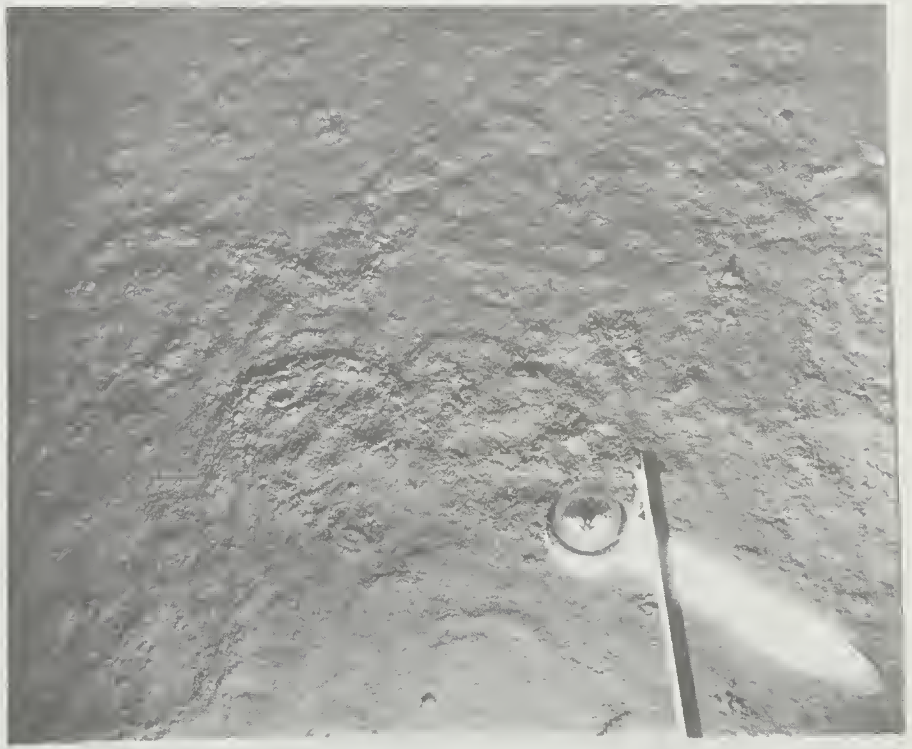


Camera lying on its side

Frame 39

Cruise 37 Ship Sta 38 Camera Sta 24 4236 Meters

Frame 2



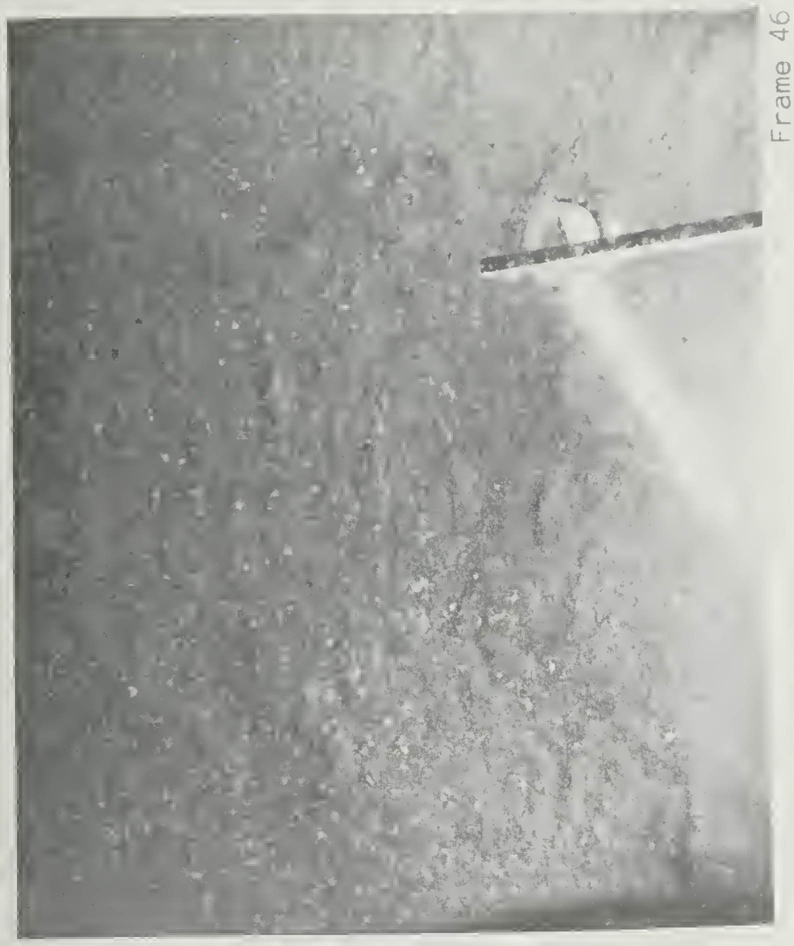
Frame 37

Cruise 37 Ship Sta 39 Camera Sta 25 4392 Meters

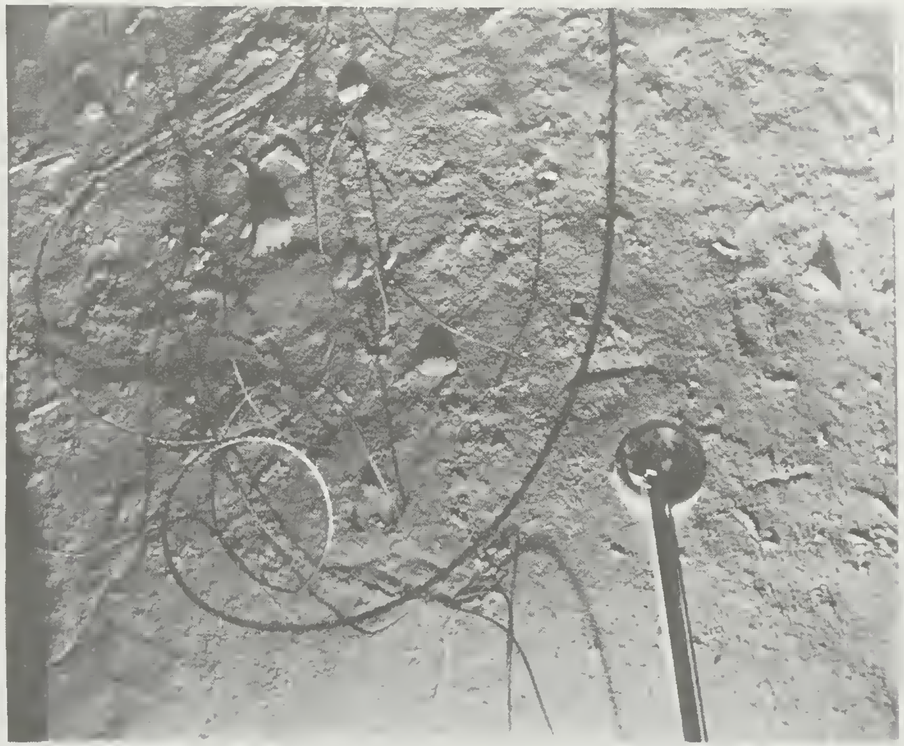
Frame 54

Cruise 37 Ship Sta 40 Camera Sta 26 4467 Meters

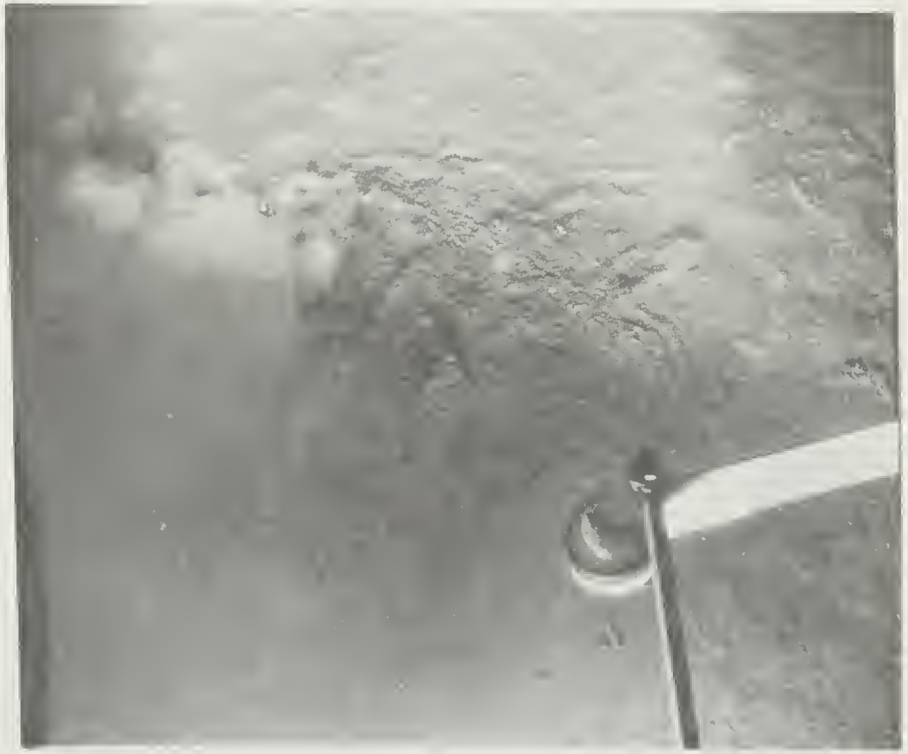
Frame 22



Frame 46



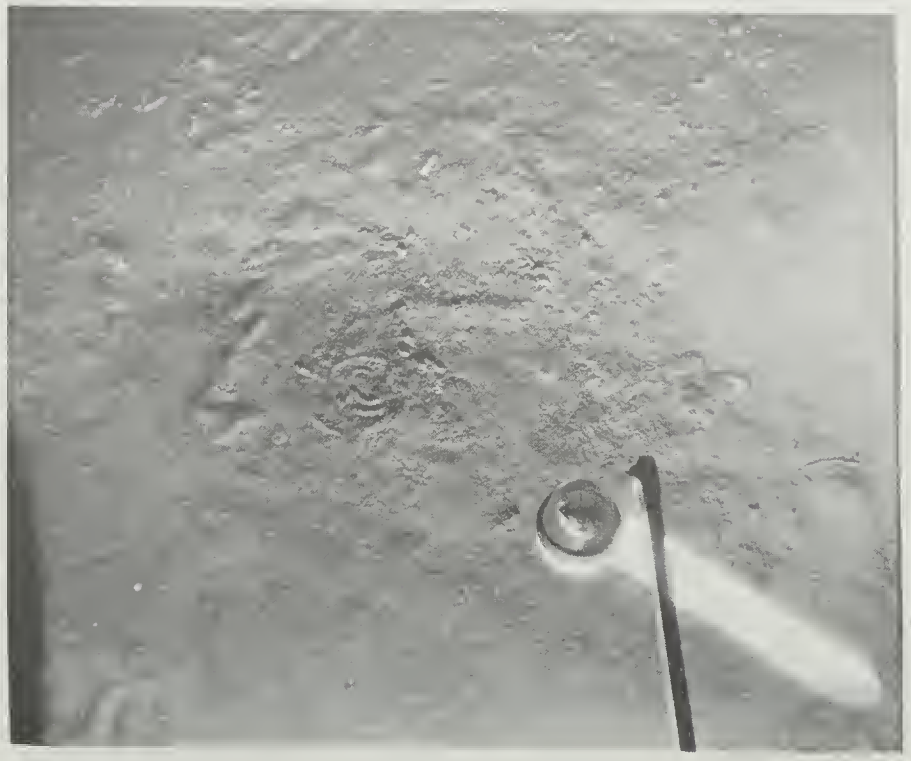
Frame 8



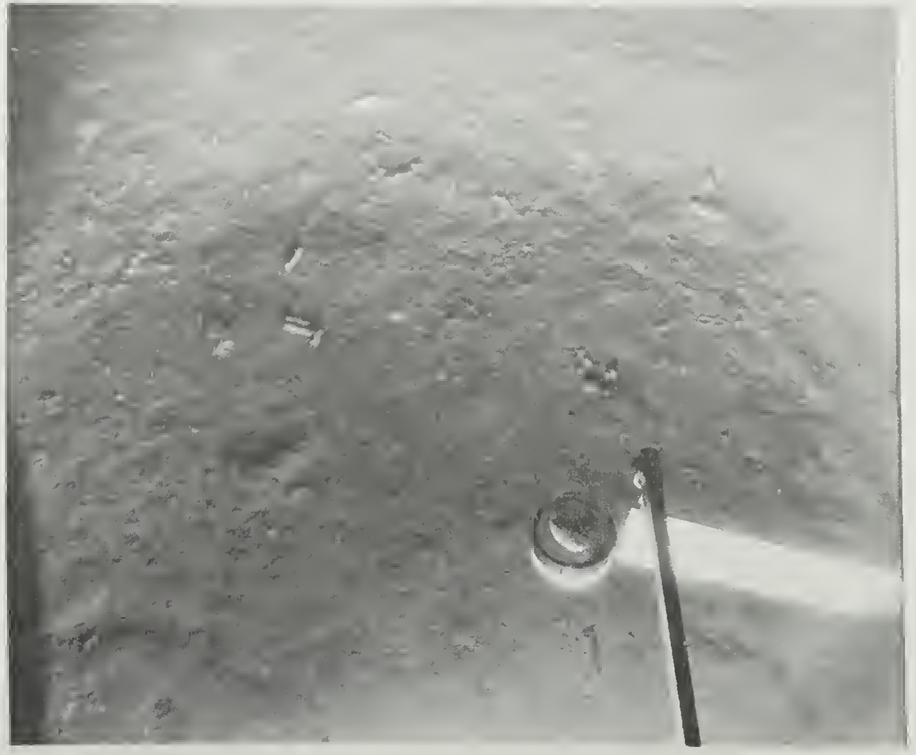
Frame 13

Cruise 37 Ship Sta 41 Camera Sta 27 4575 Meters

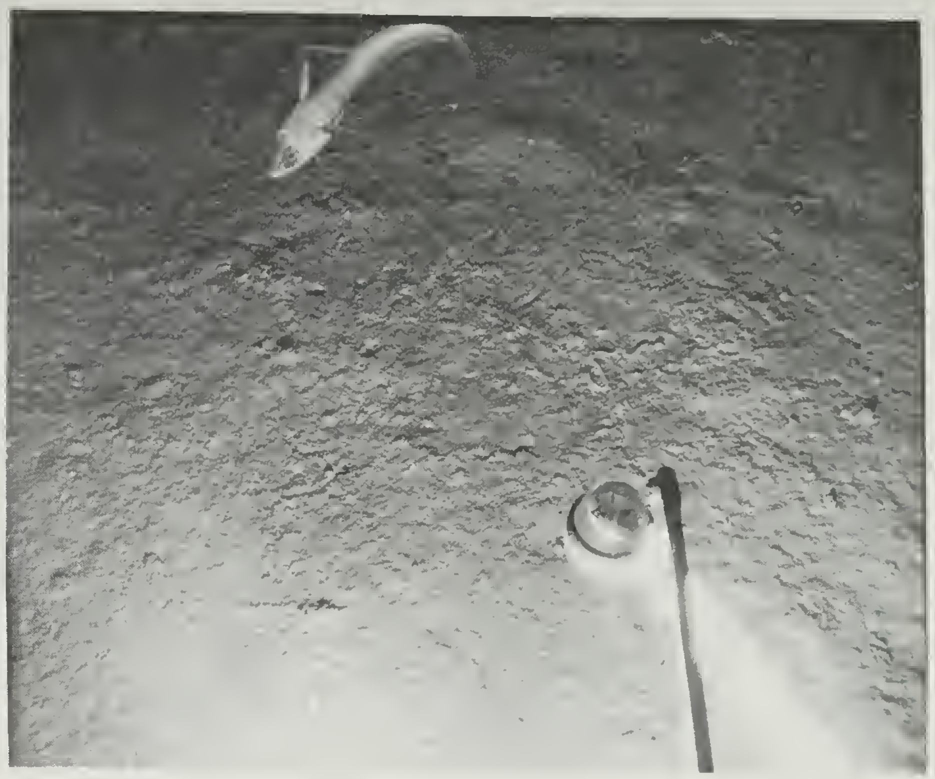
Frame 22



Frame 29



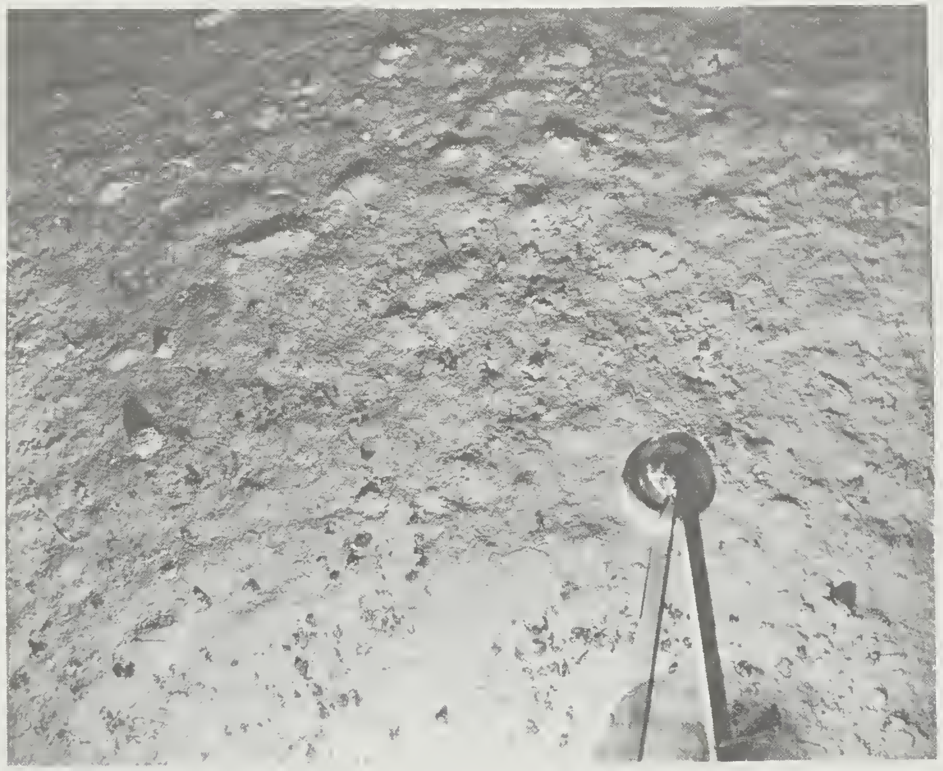
Frame 11



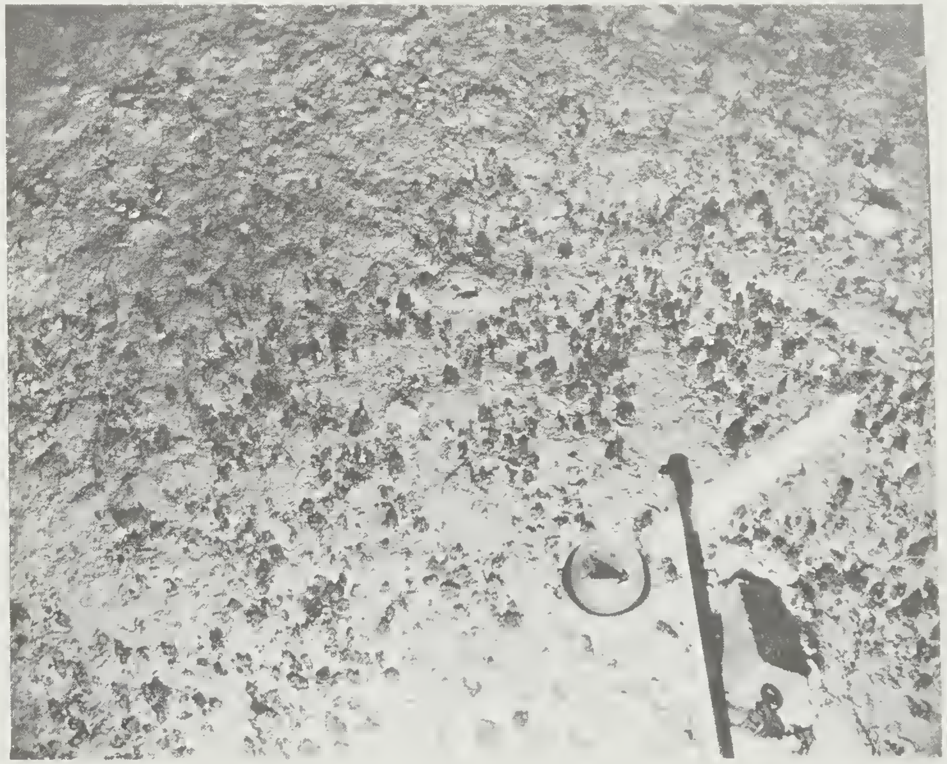
Frame 26

Cruise 37 Ship Sta 42 Camera Sta 28 4702 Meters

Frame 33



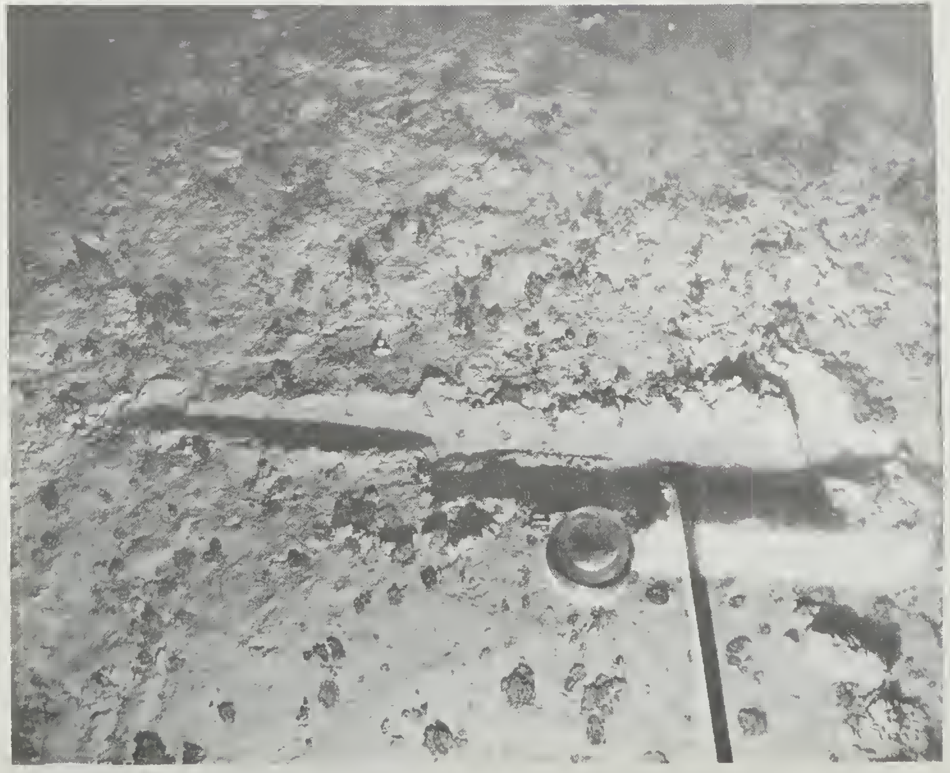
Frame 8



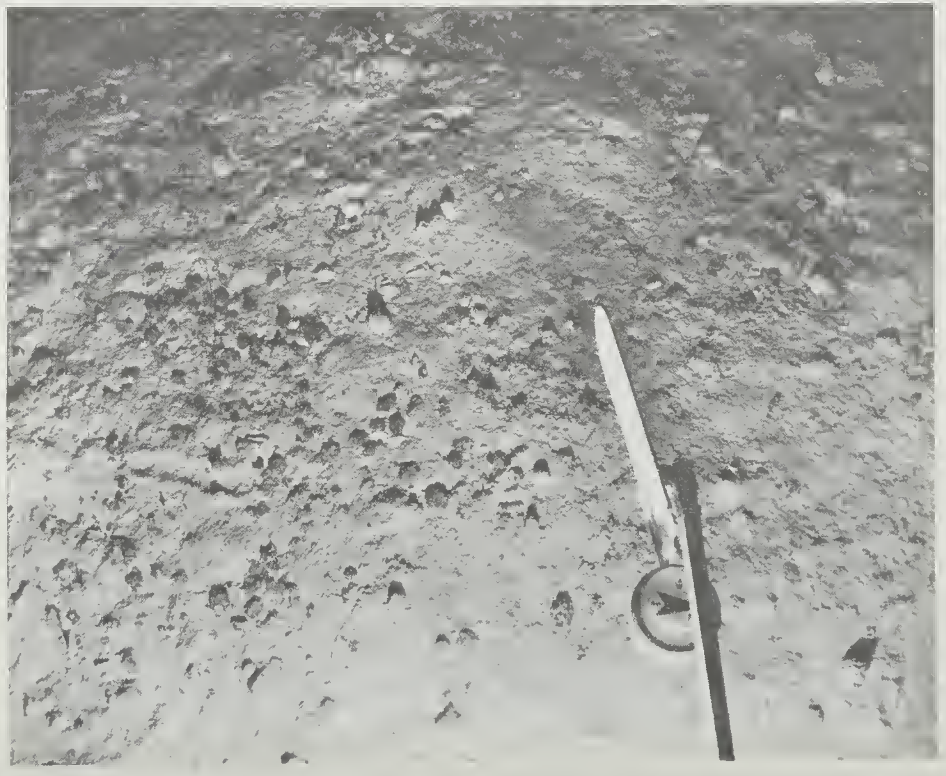
Frame 21

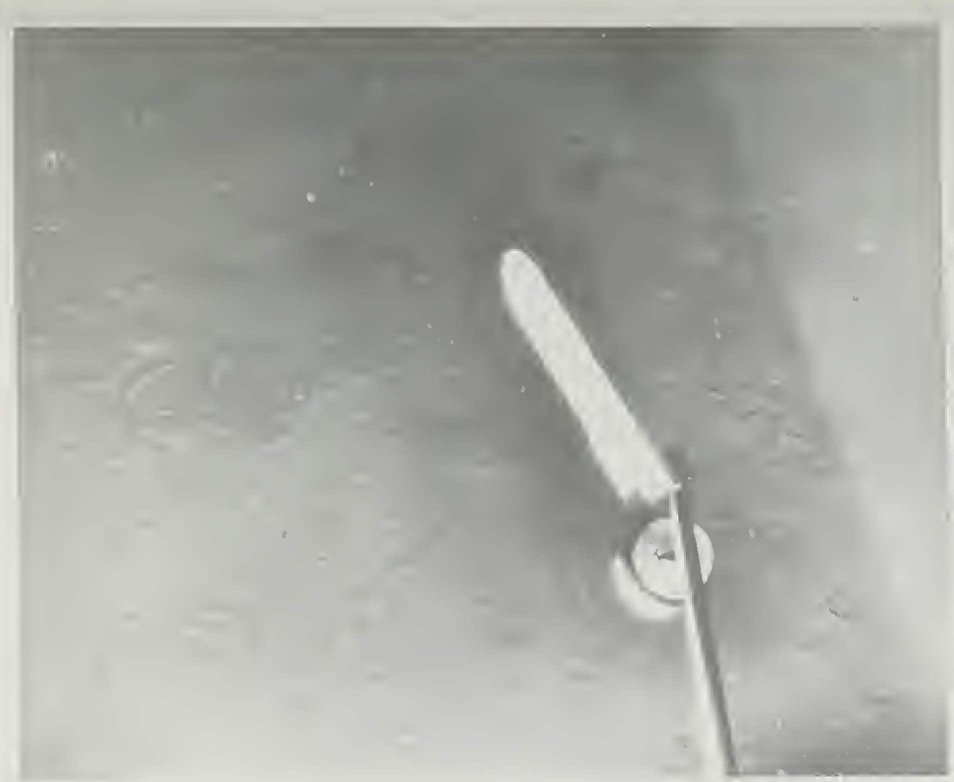
Cruise 37 Ship Sta 44 Camera Sta 29 4160 Meters

Frame 33

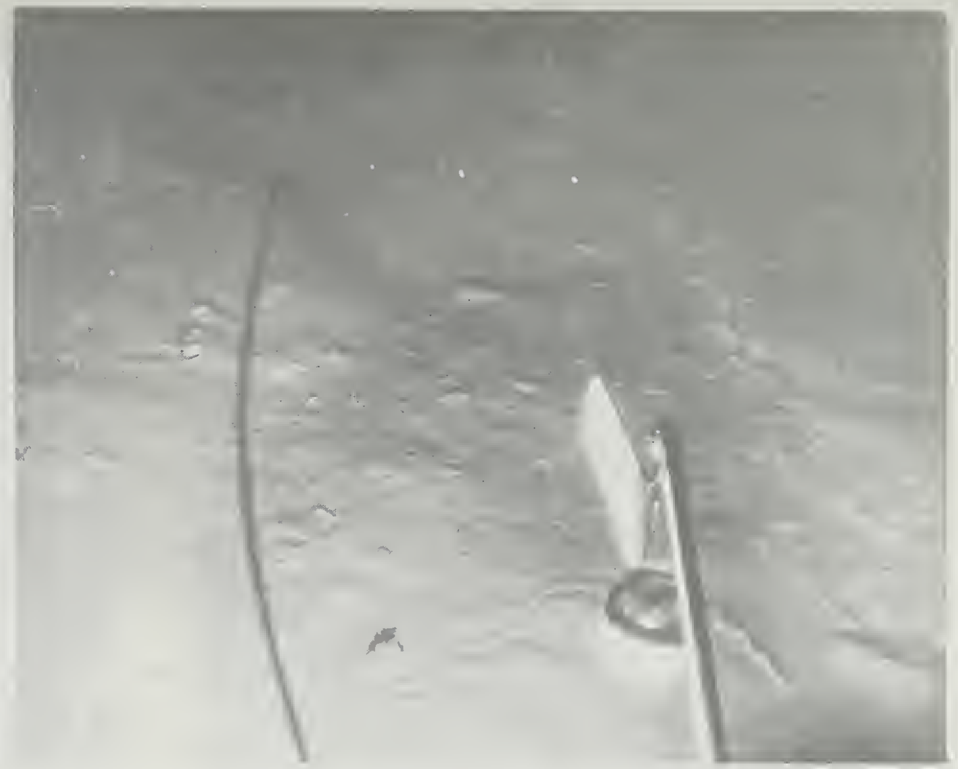


Frame 43





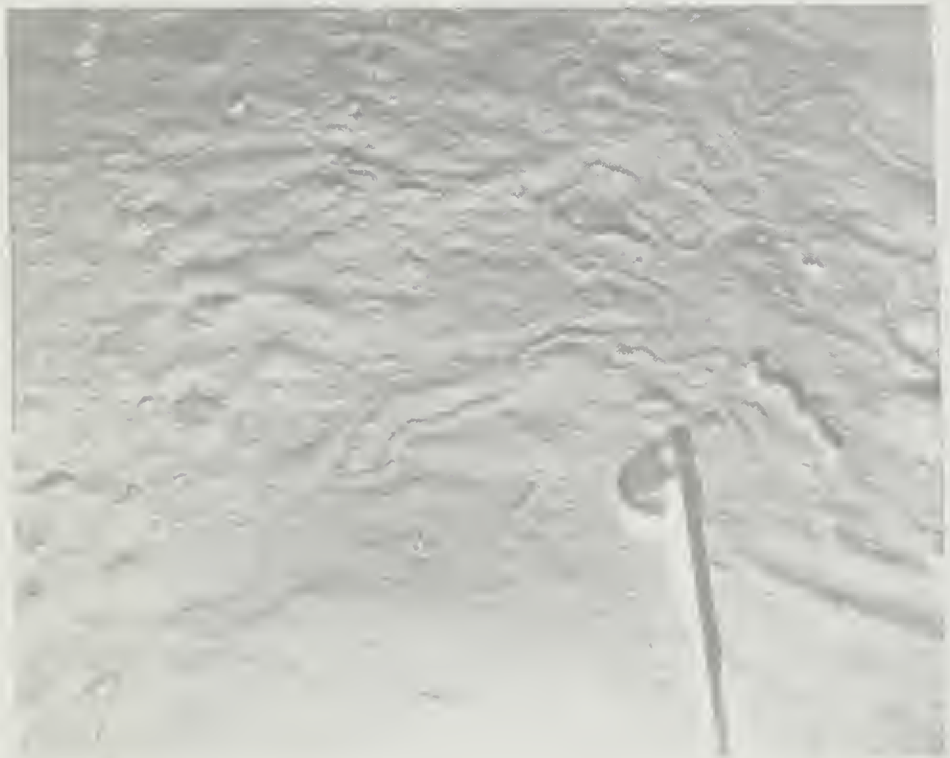
Frame 11



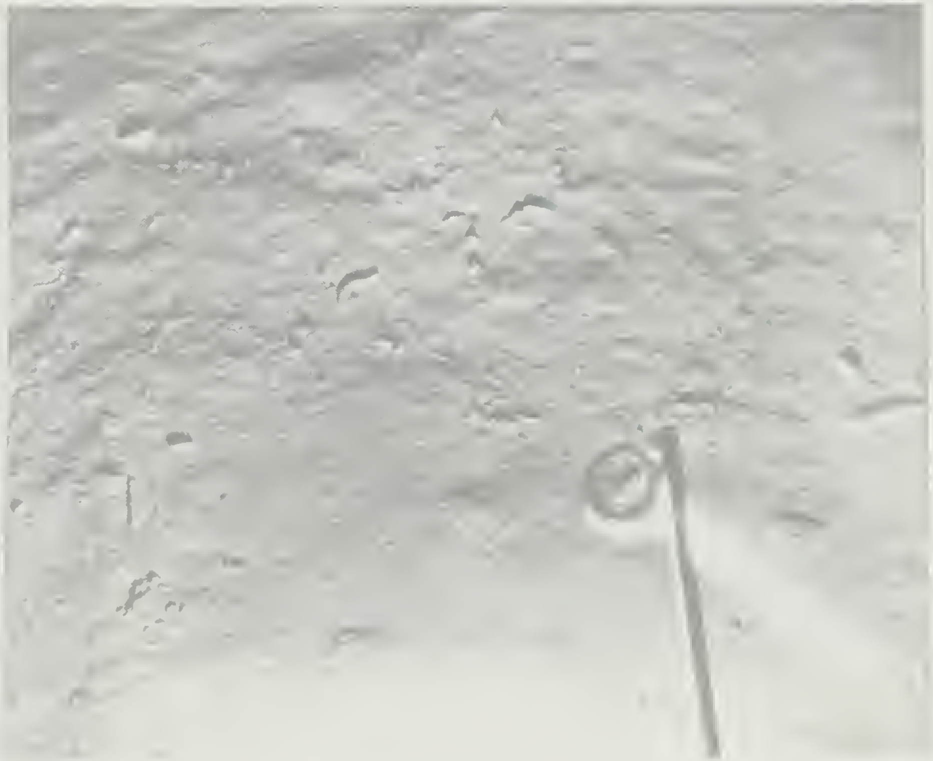
Frame 21

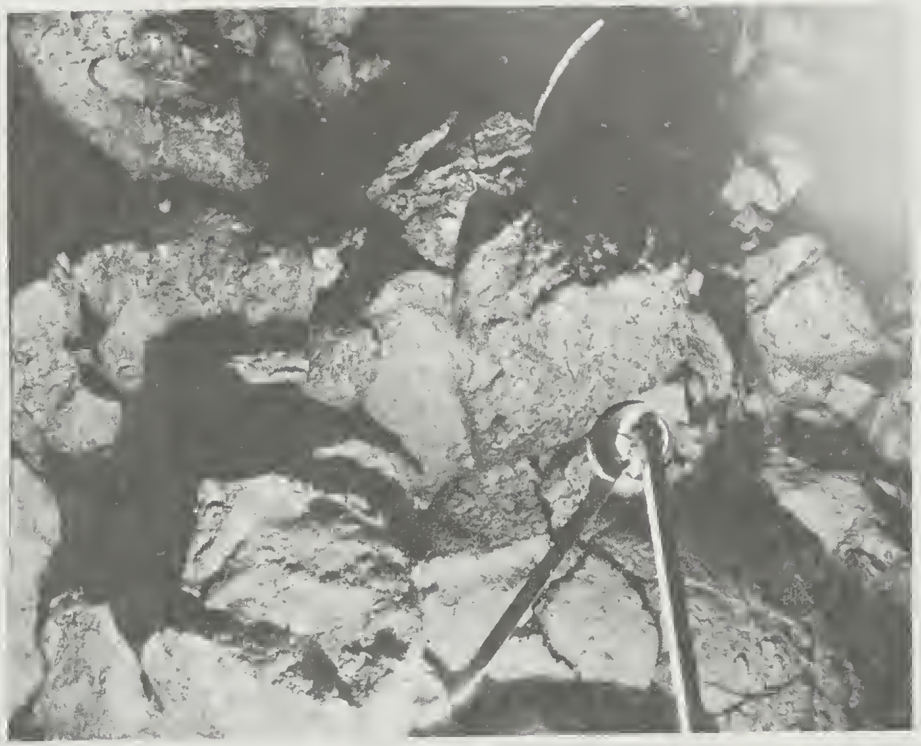
Cruise 37 Ship Sta 59 Camera Sta 30 4209 Meters

Frame 29



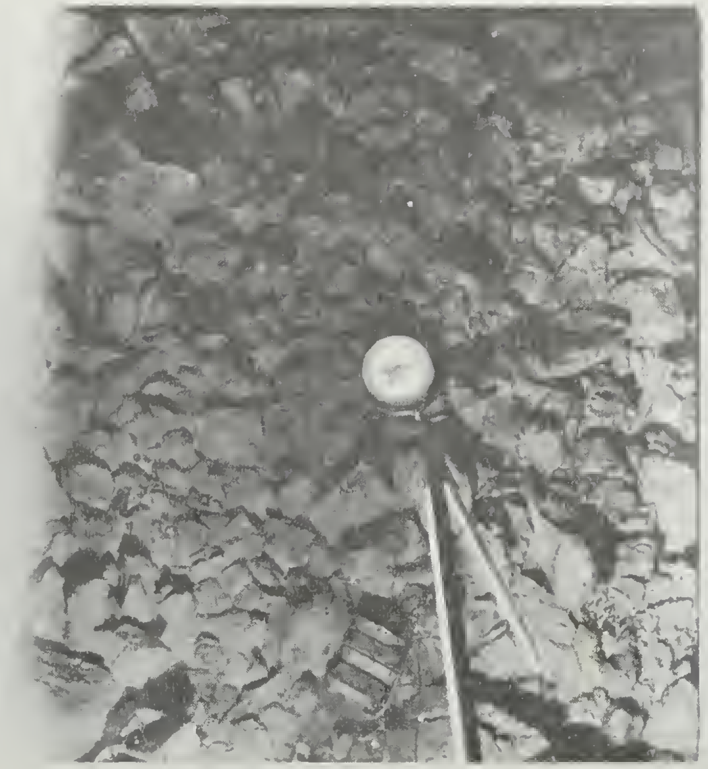
Frame 50



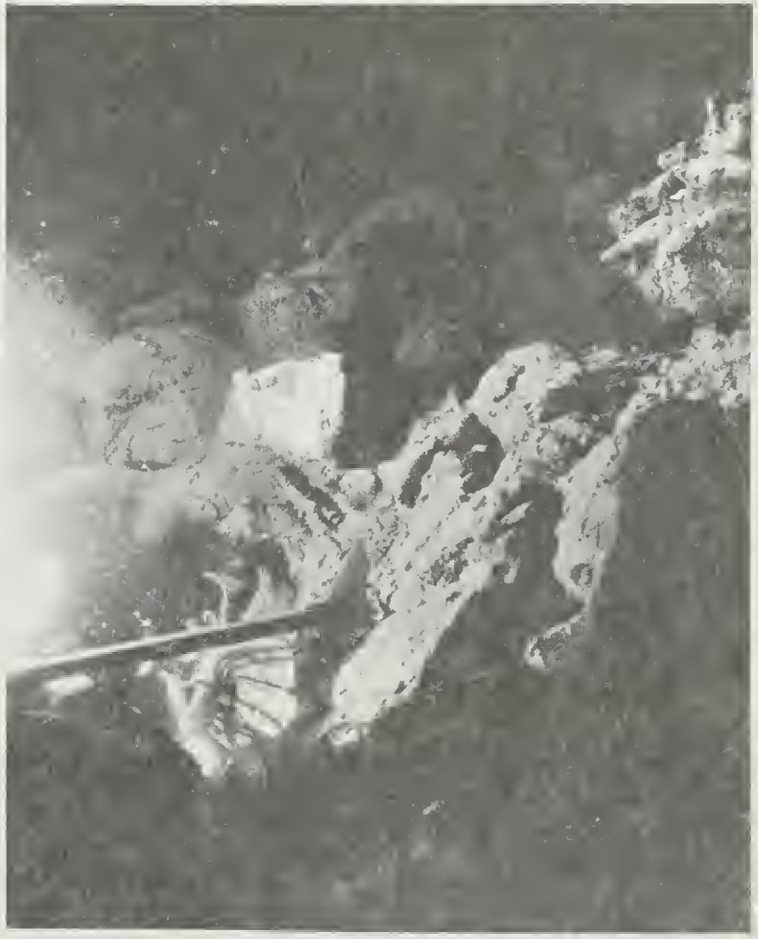


Frame 2

Frame 17



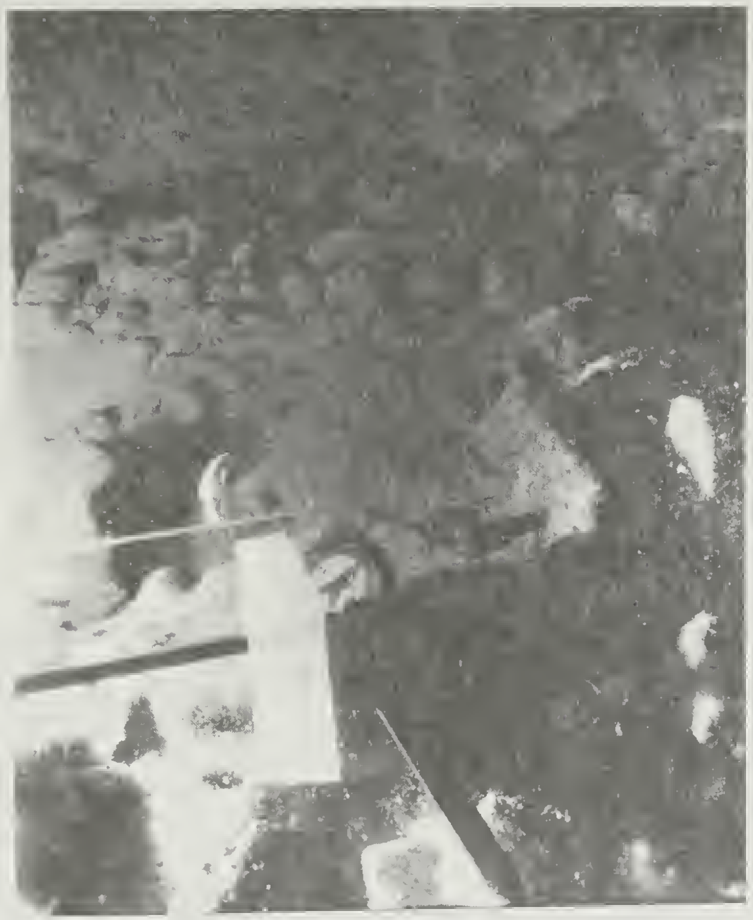
Camera lying on its side



Frame 8

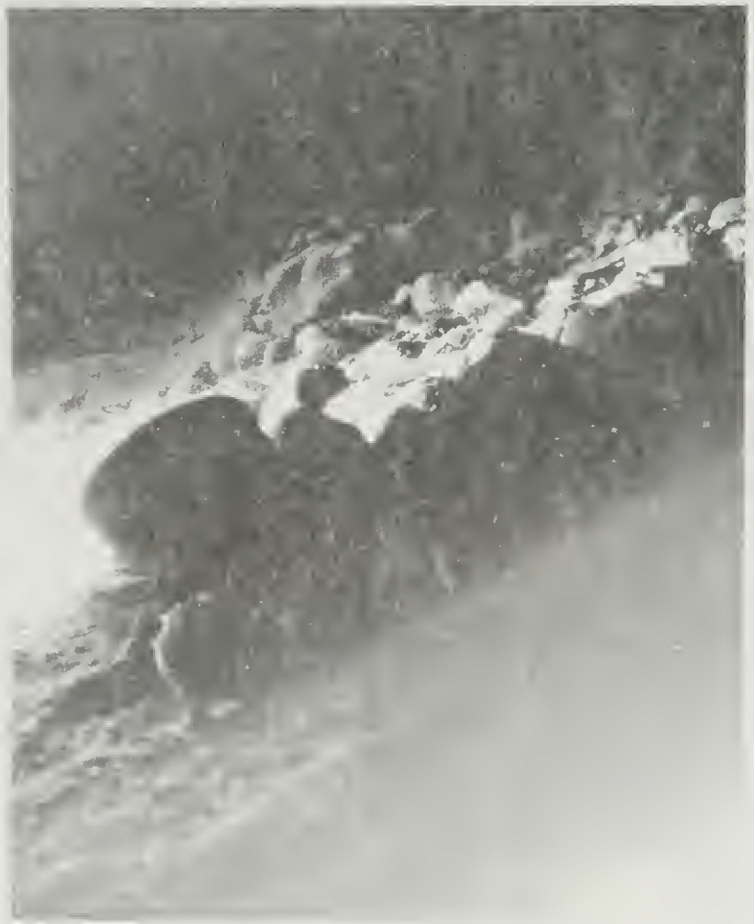
Cruise 37   Ship Sta 60   Camera Sta 31

4020 Meters



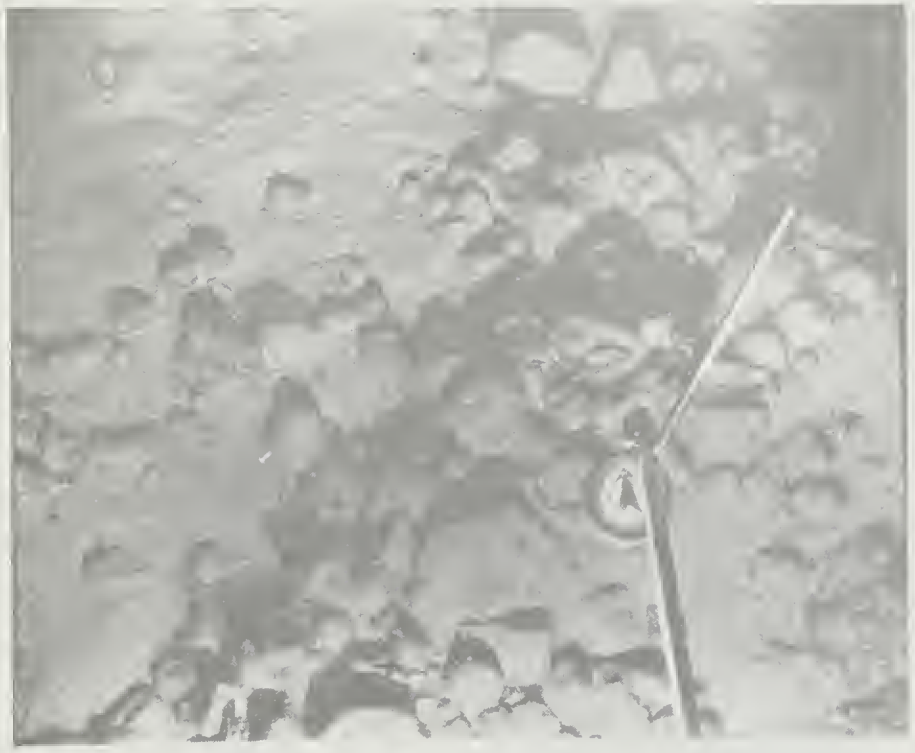
Frame 15

Camera lying on its side

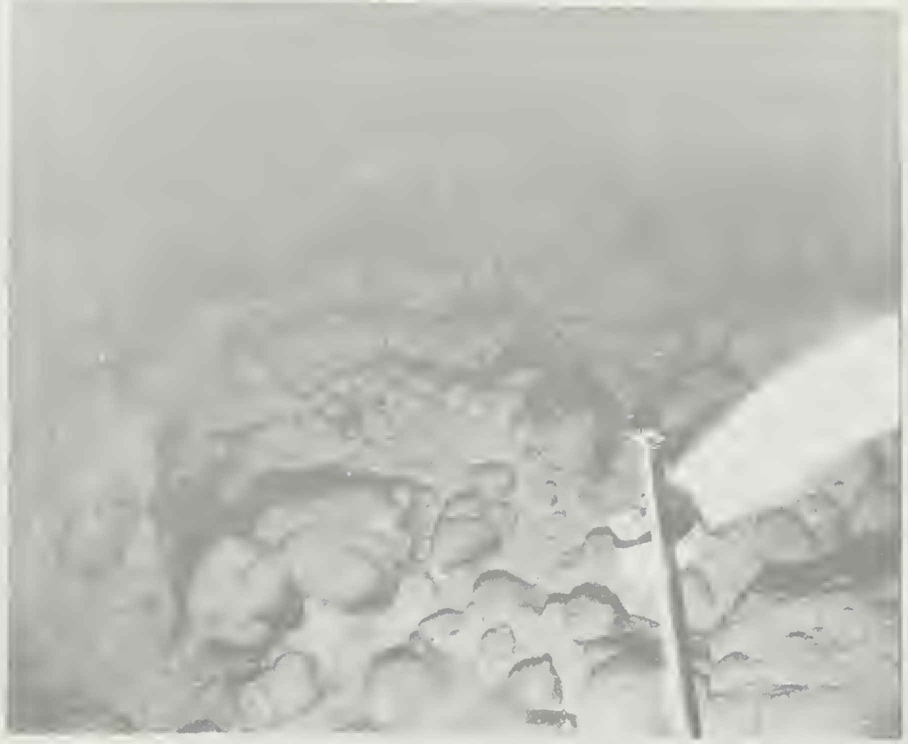


Frame 18

Cruise 37 Ship Sta 61 Camera Sta 32 4066 Meters



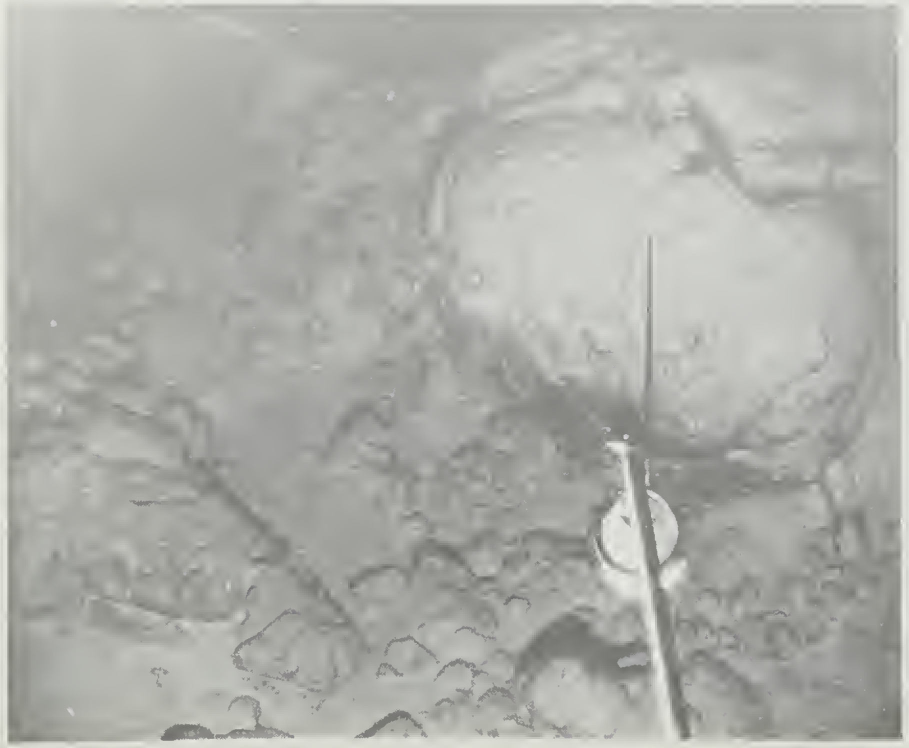
Frame 6



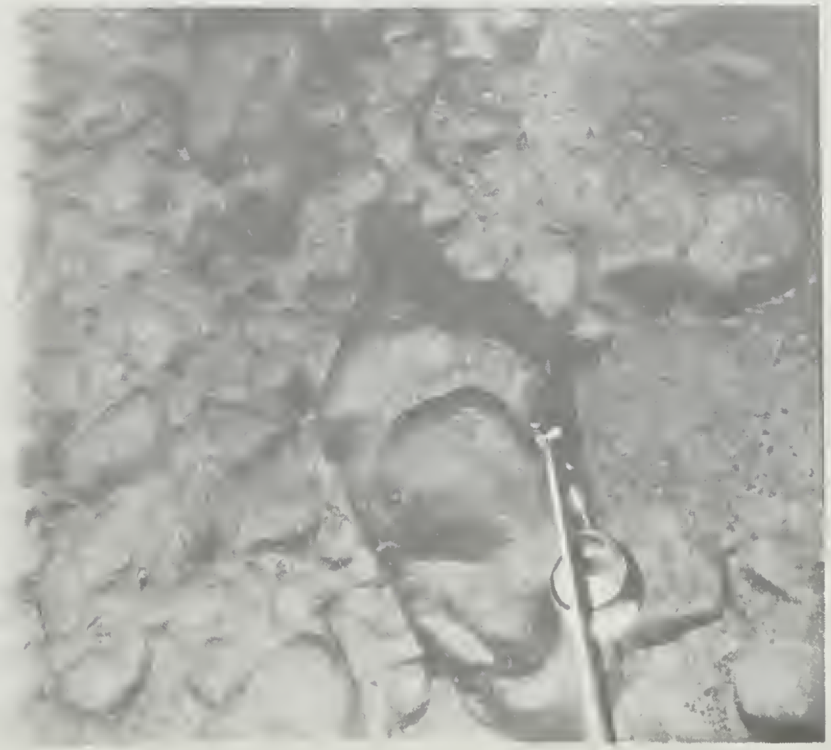
Frame 21

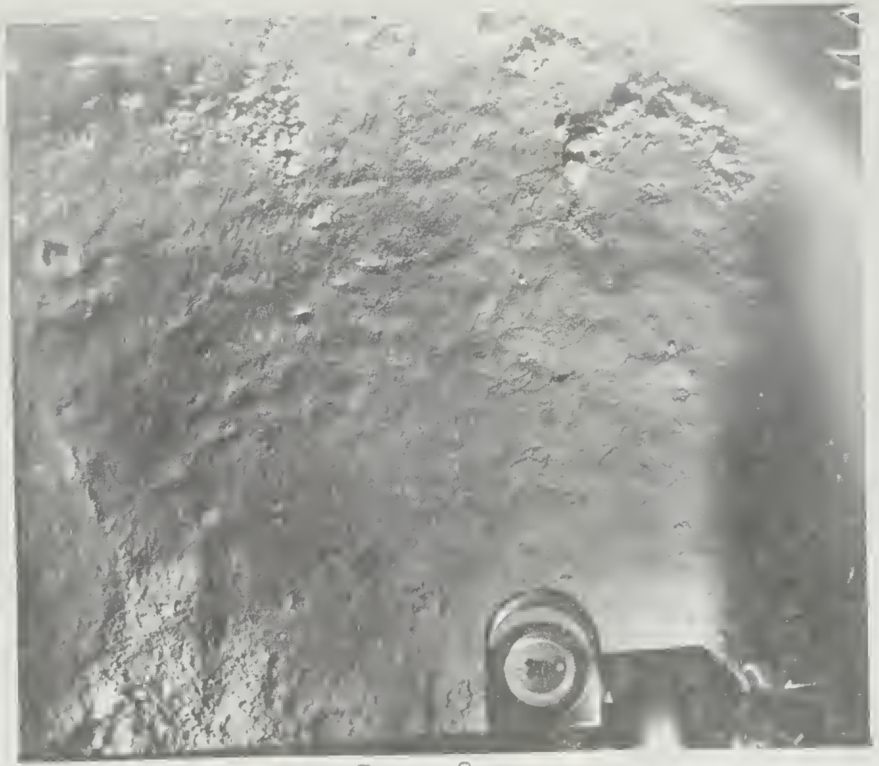
Cruise 37 Ship Sta 61 Camera Sta 32 4066 Meters

Frame 31



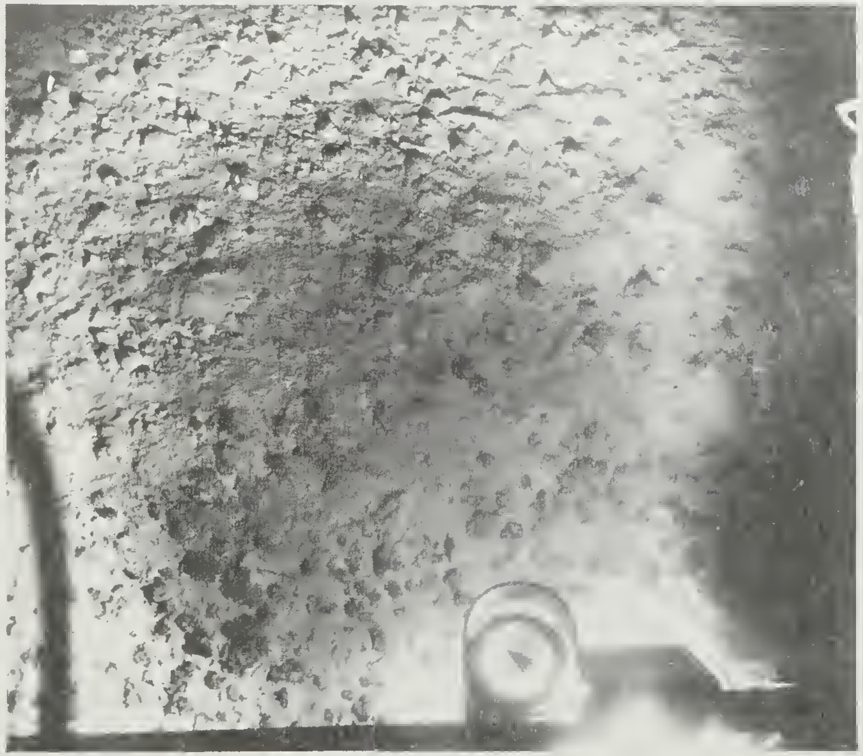
Frame 46





Frame 2

Cruise 39 Ship Sta 10 Camera Sta 1 4602 Meters



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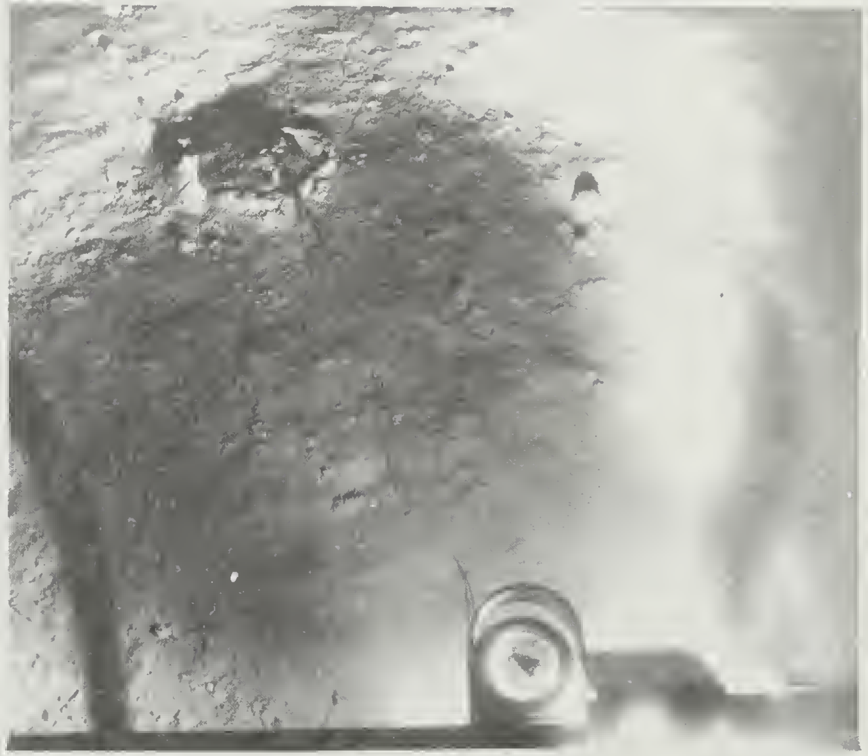
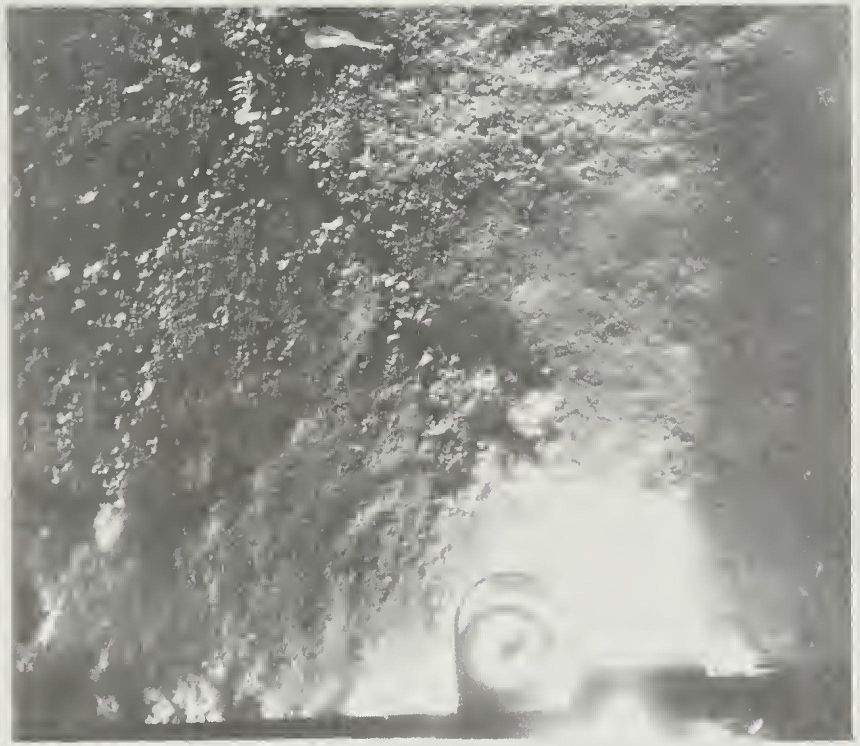


Frame 8

Cruise 39 Ship Sta 13 Camera Sta 2 4392 Meters



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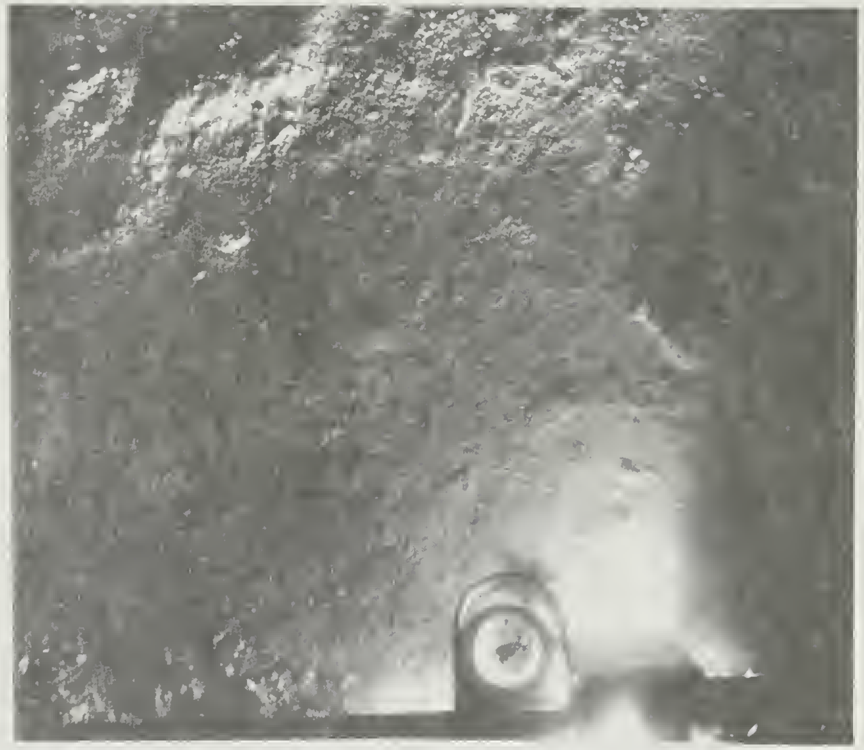
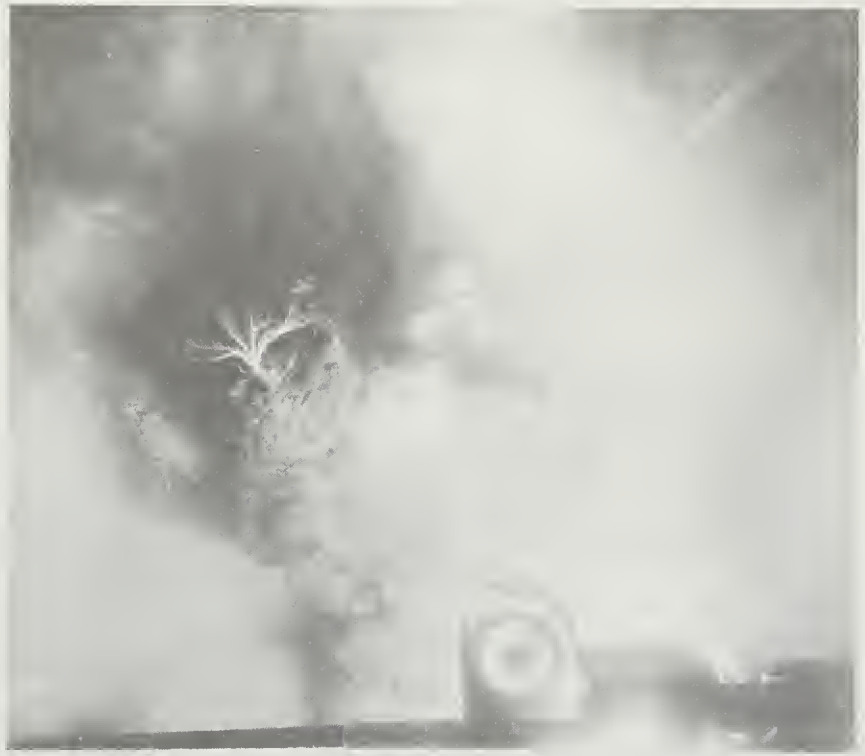
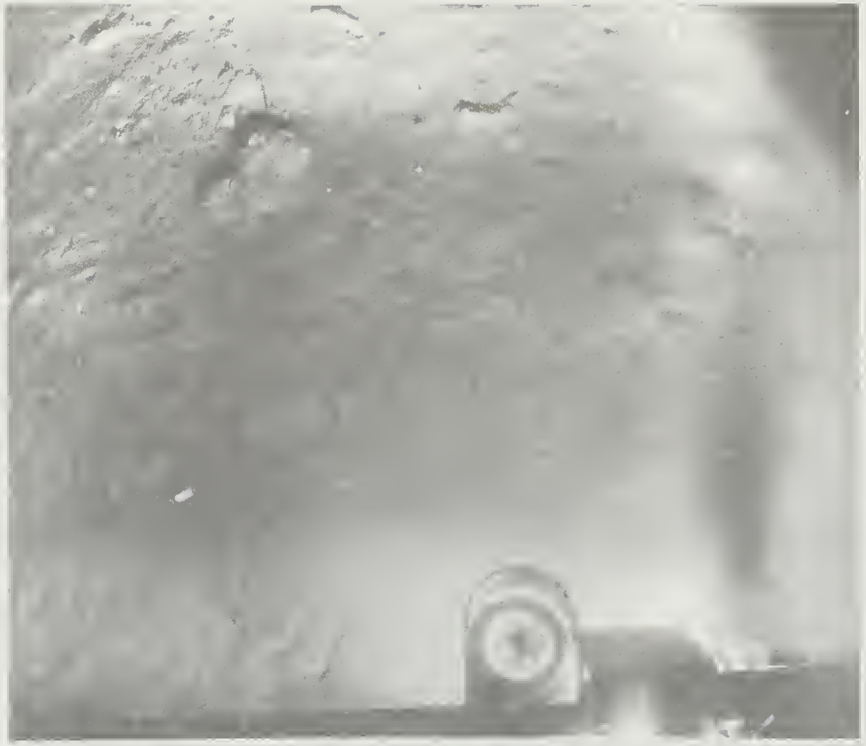


Frame 18

Cruise 39 Ship Sta 15 Camera Sta 3 4568 Meters



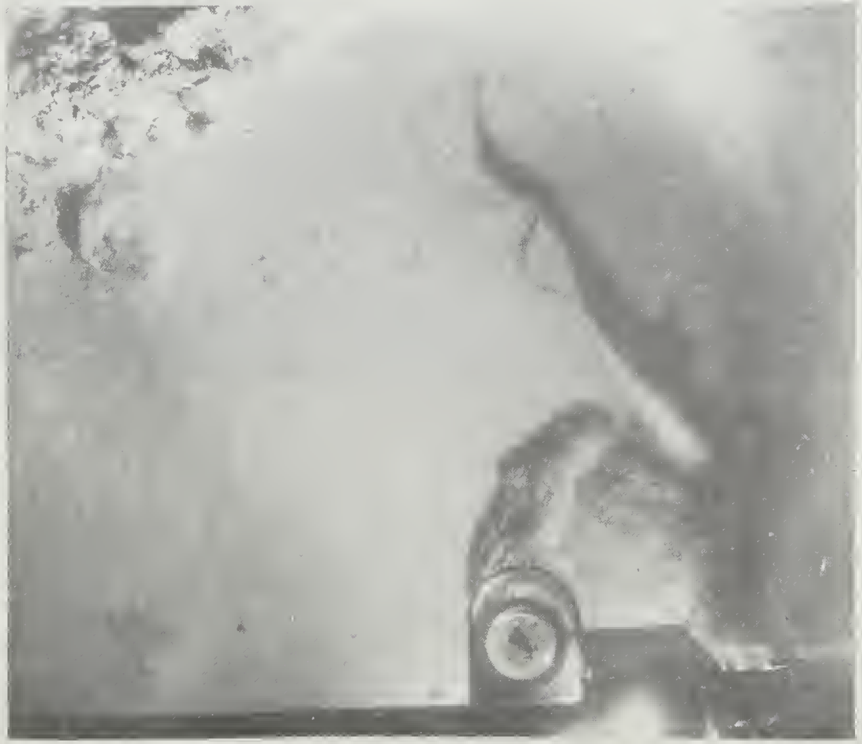
Frame 1



Frame 2 1/2

Cruise 39 Ship Sta 20 Camera Sta 4 3050 Meters

Frame 24



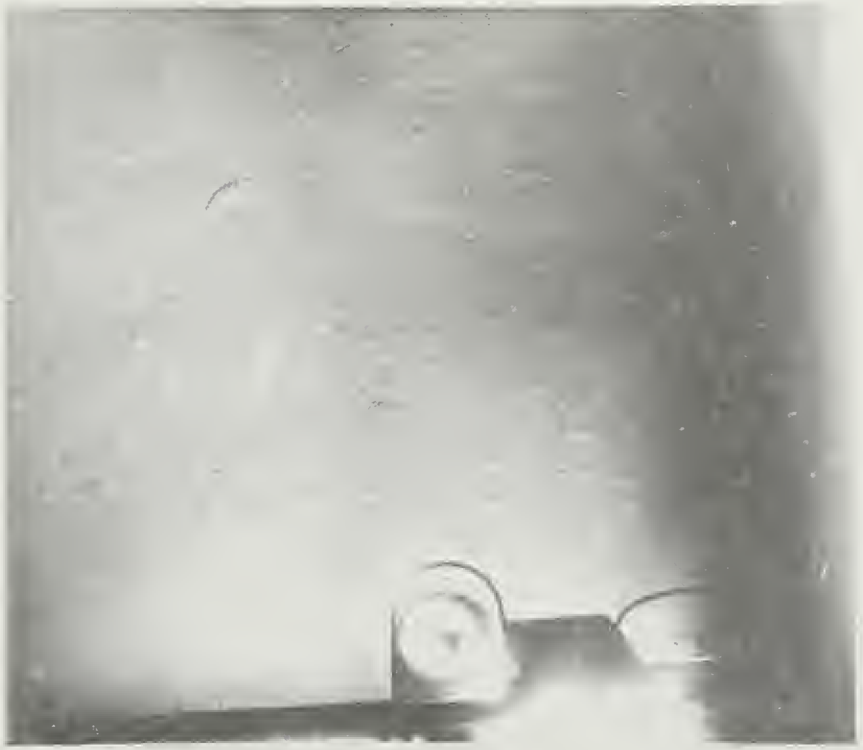
Frame 6

Frame 12

Cruise 39 Ship Sta 21 Camera Sta 5 3300 Meters

Frame 15

Frame 21



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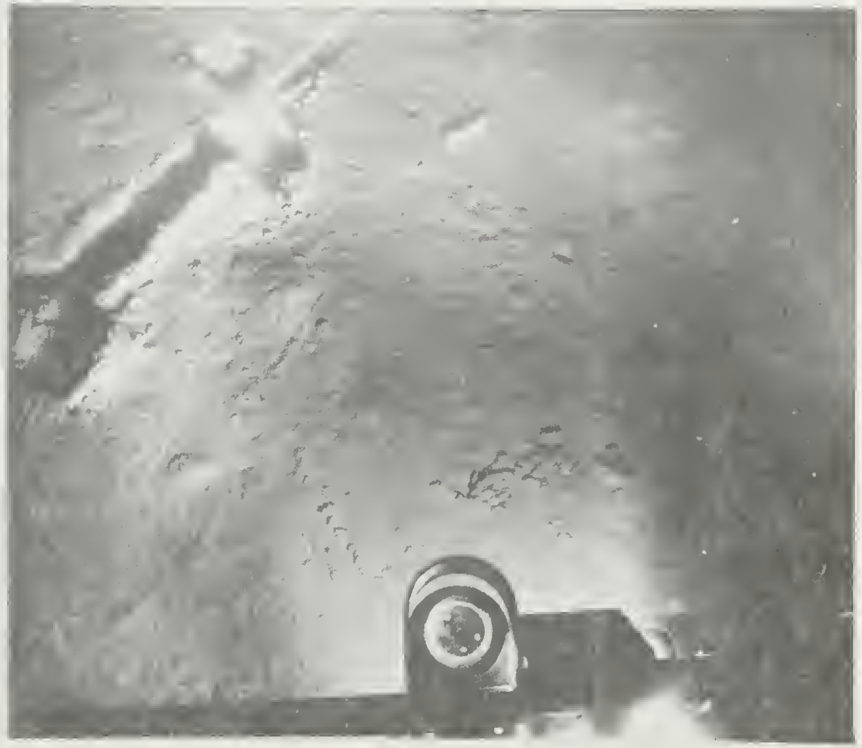
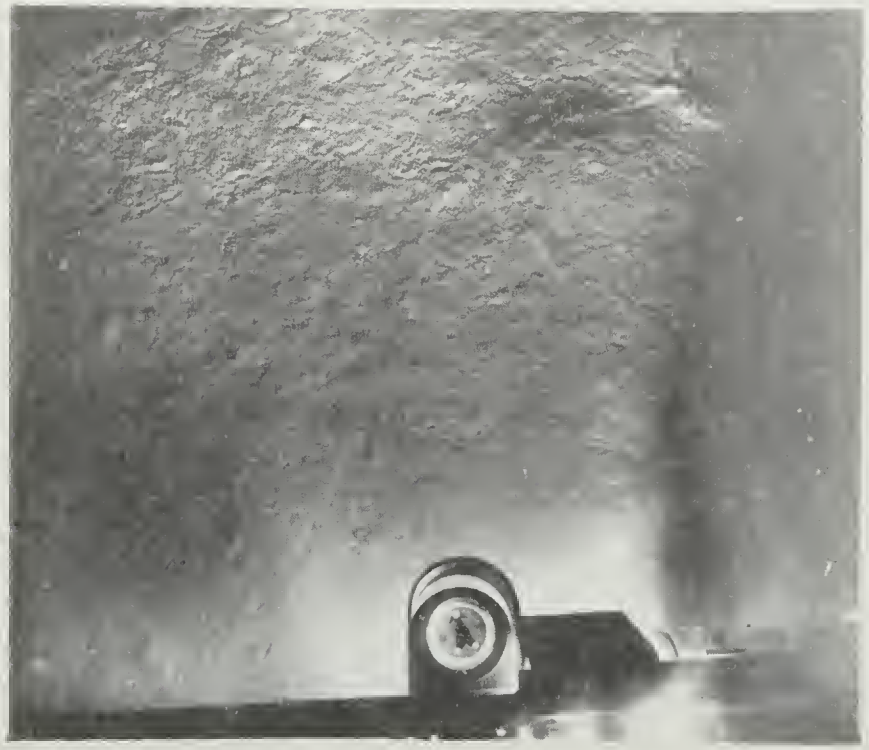
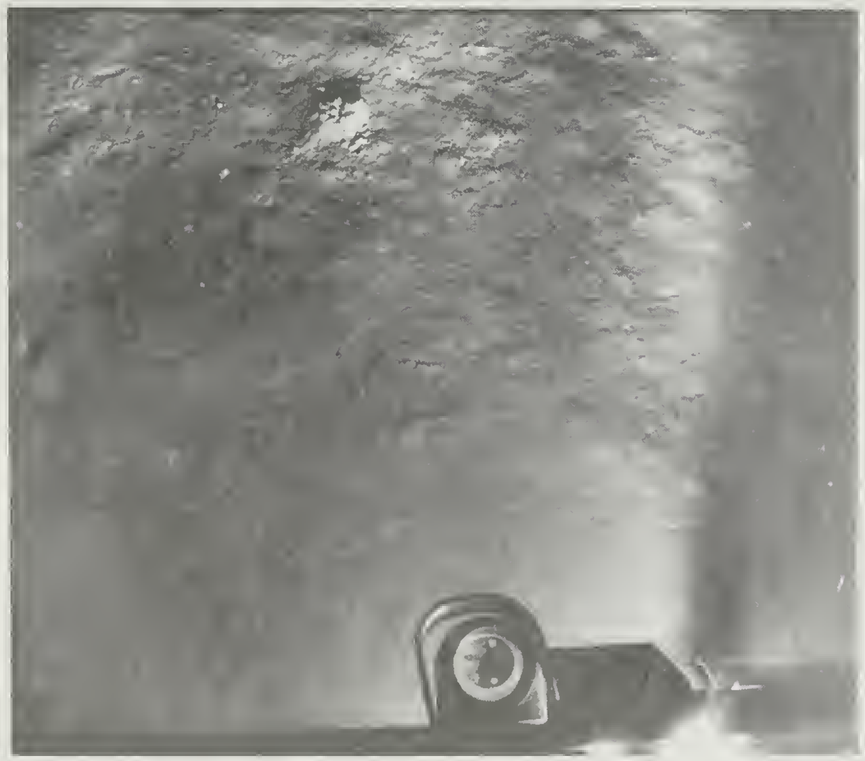


Frame 19

Cruise 39 Ship Sta 22 Camera Sta 6 4020 Meters

Frame 32





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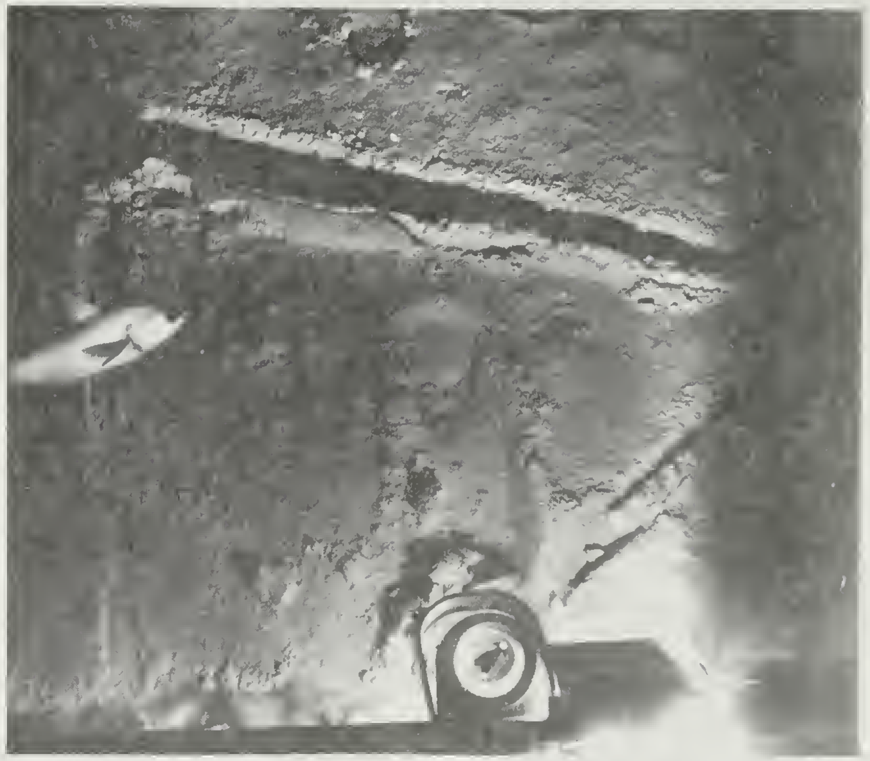


Frame 11

Cruise 39 Ship Sta 27 Camera Sta 7 4010 Meters

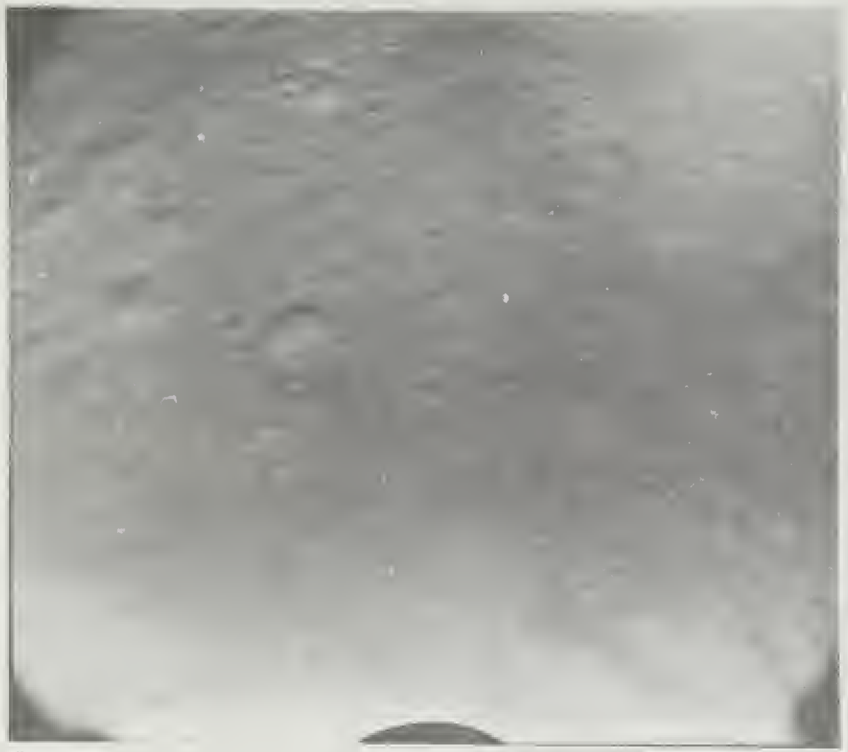
Frame 9

Frame 12

Cruise 39 Ship Sta 29 Camera Sta 8 4245 Meters

Frame 17

Frame 22



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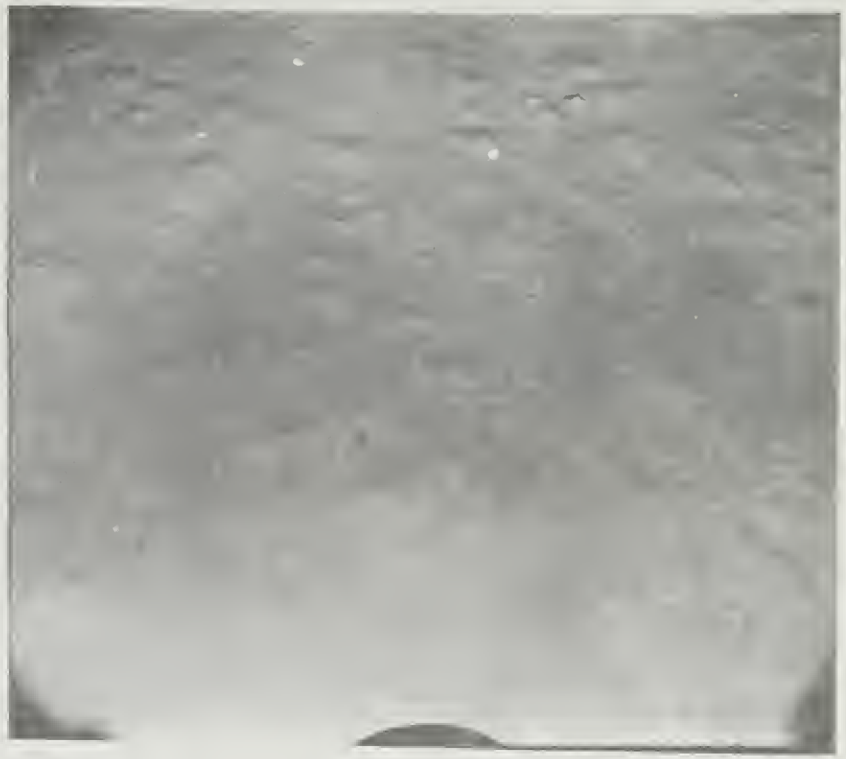

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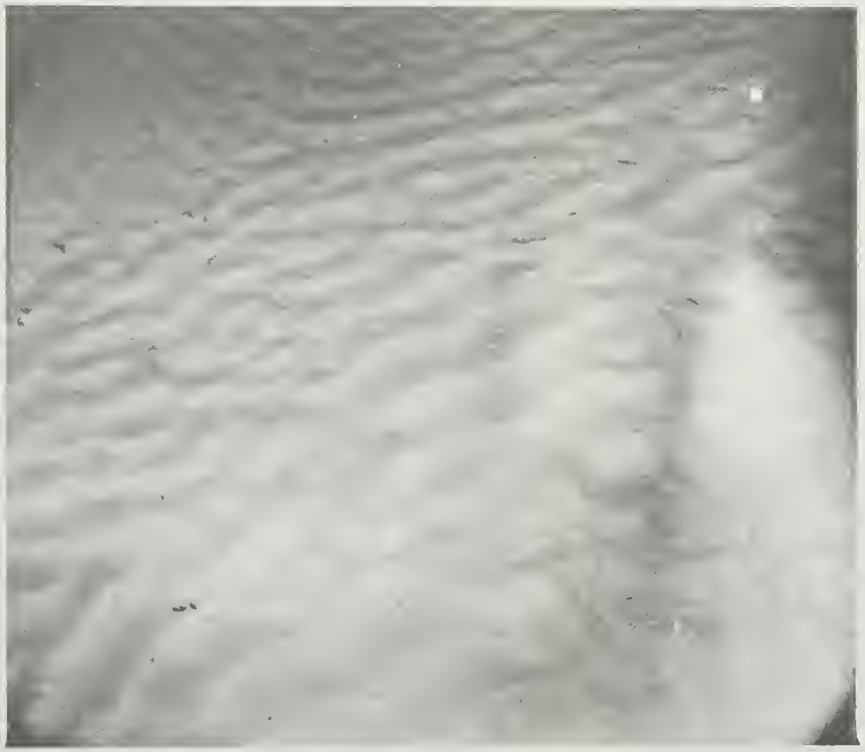
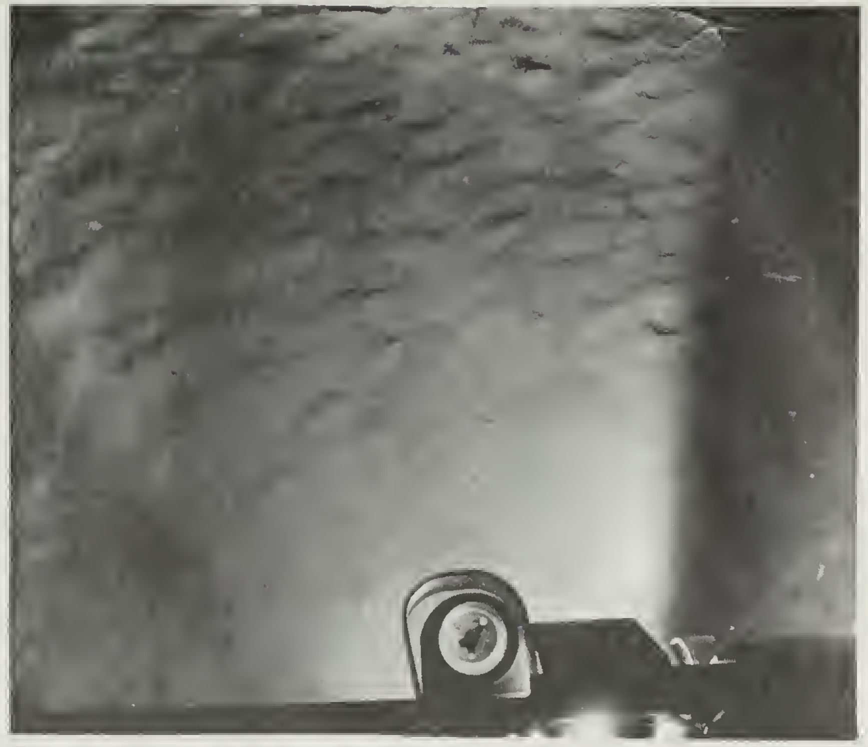
Cruise 39 Ship Sta 31 Camera Sta 9 1655 Meters



Frame 1

Cruise 39 Ship Sta 32 Camera Sta 10 990 Meters



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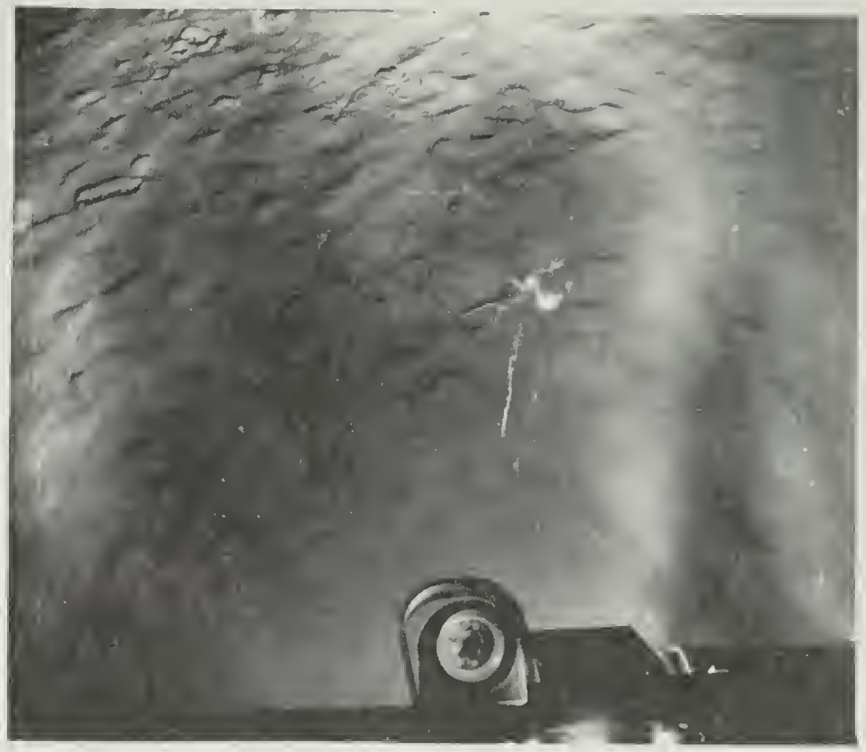
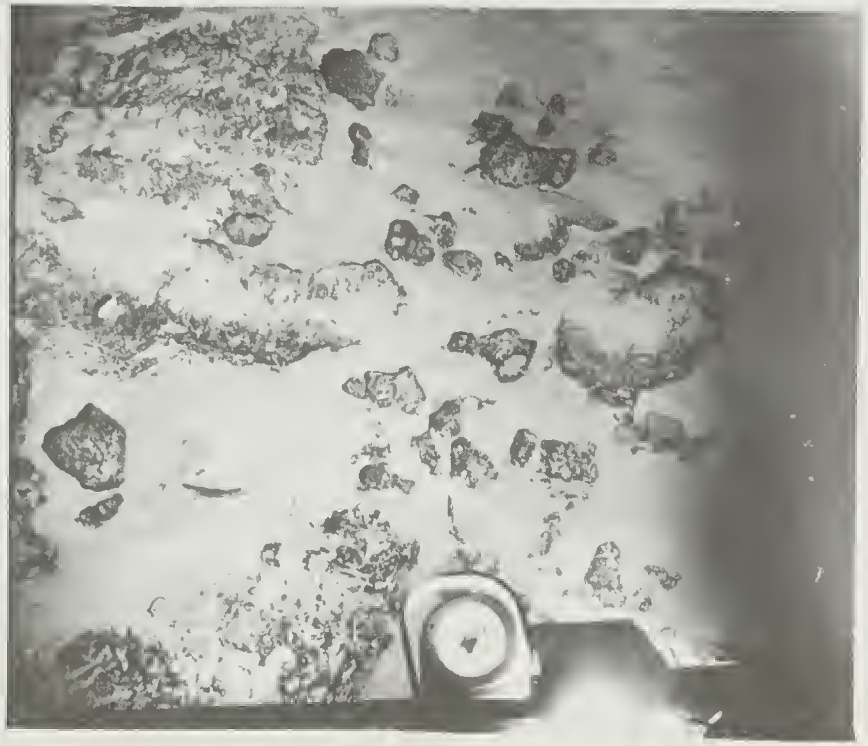


Frame 5

Cruise 39 Ship Sta 35 Camera Sta 11 2300 Meters

Frame 6



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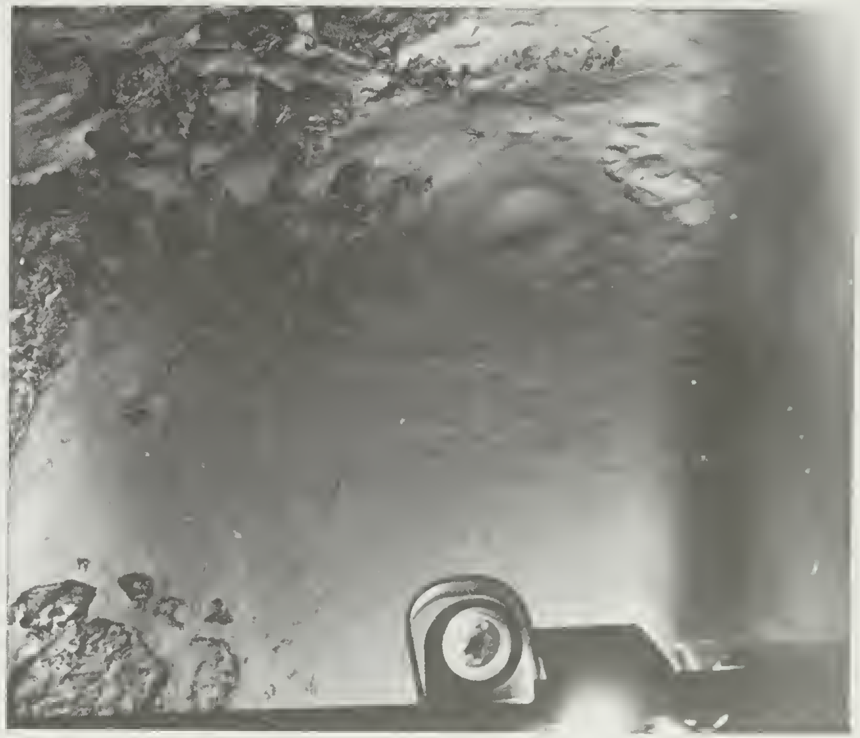


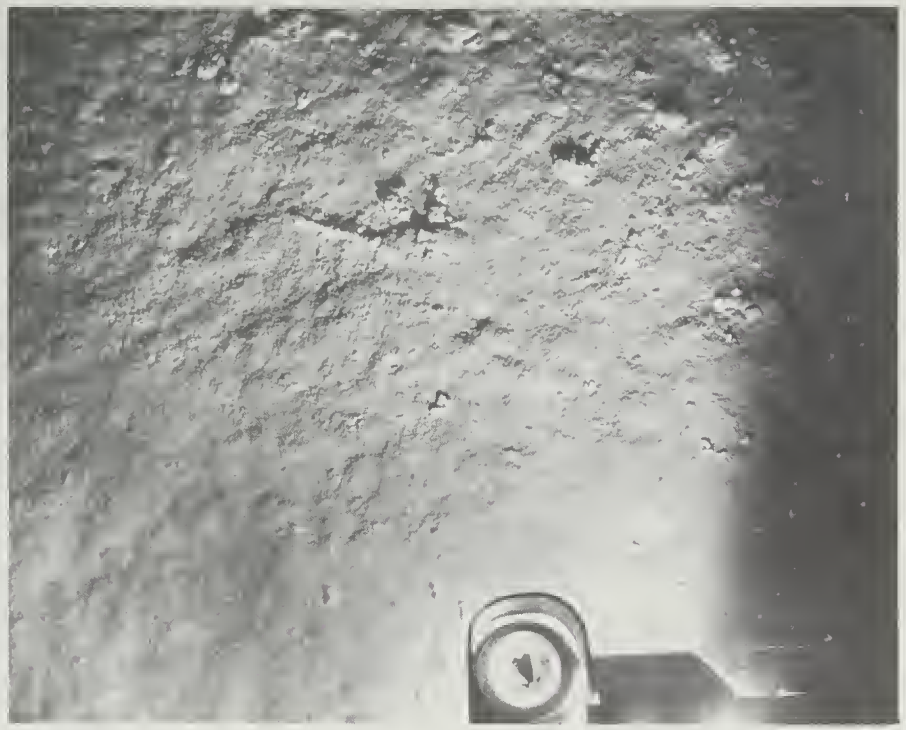
Frame 2

Frame 5

Cruise 42 Ship Sta 4 Camera Sta I 4974 Meters

Frame 6

Frame 9



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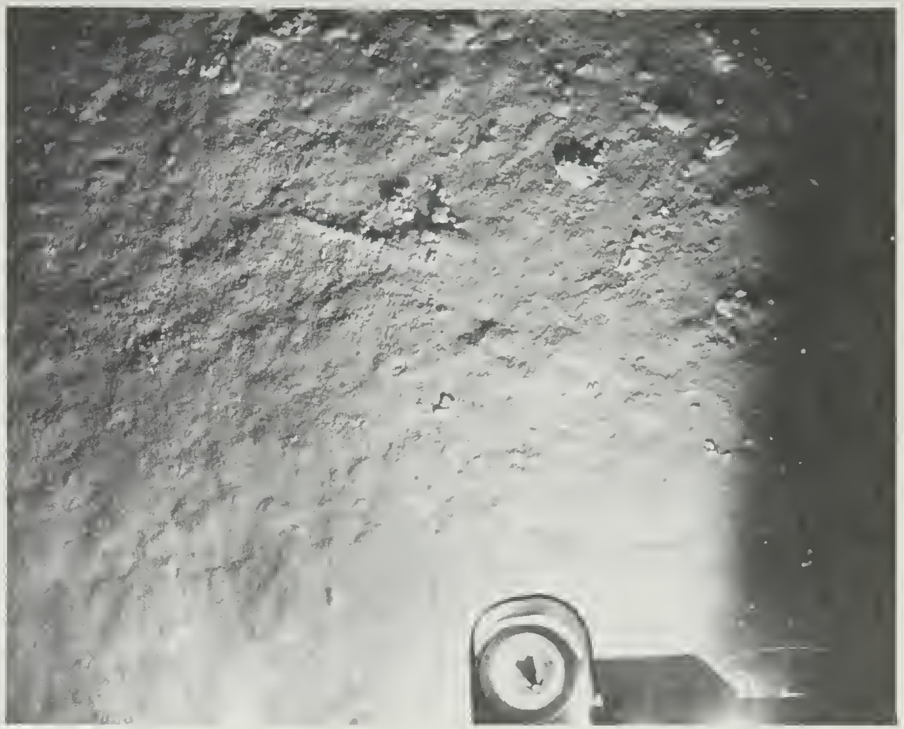
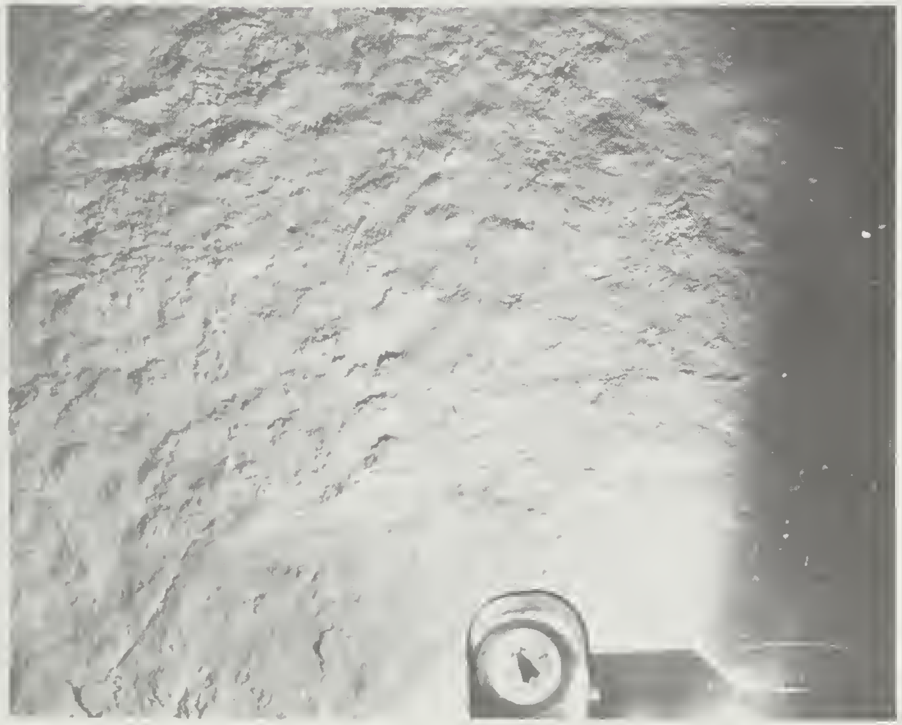
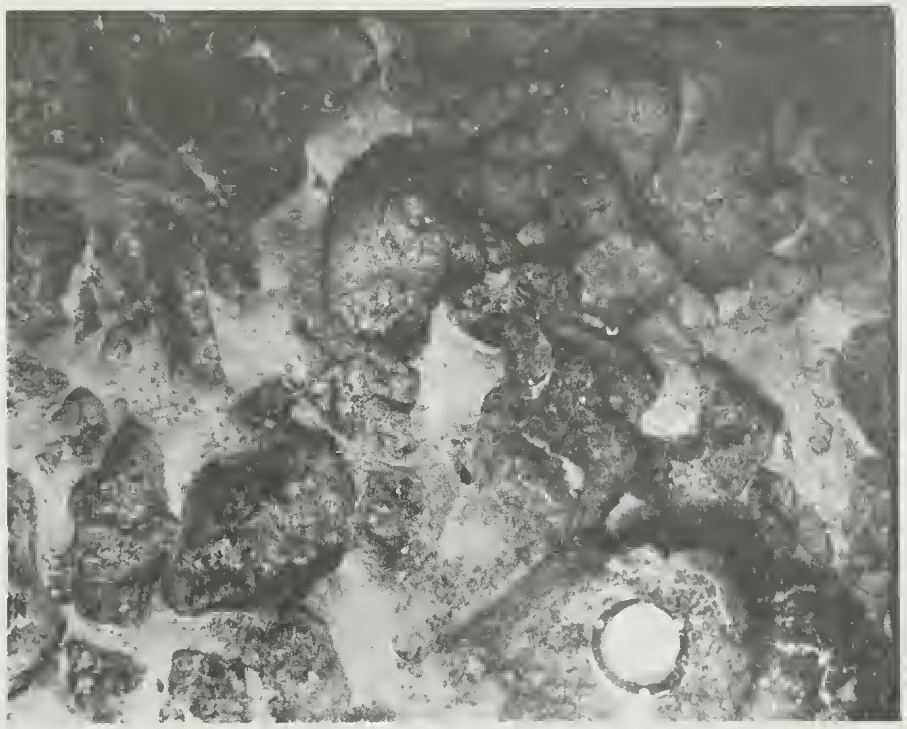


Frame 12

Cruise 42 Ship Sta 5 Camera Sta 2 4679 Meters

Frame 30





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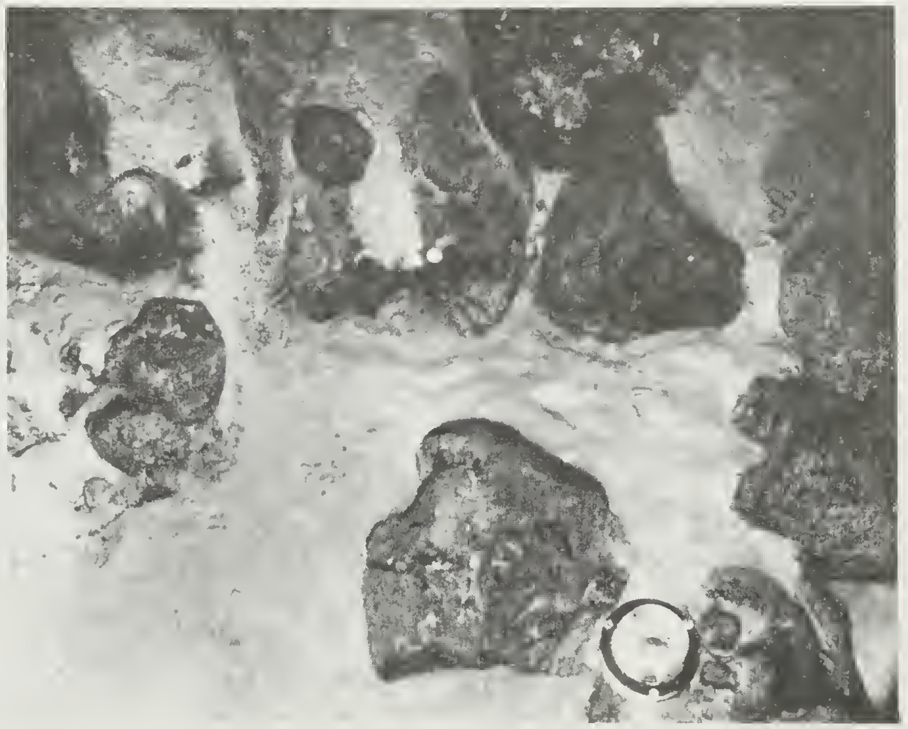
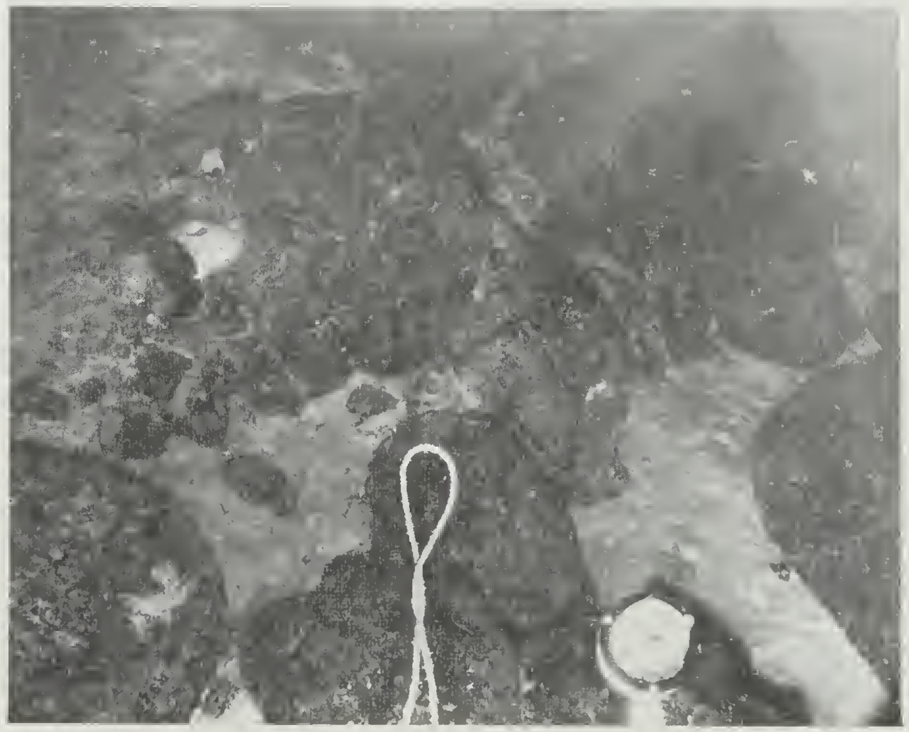


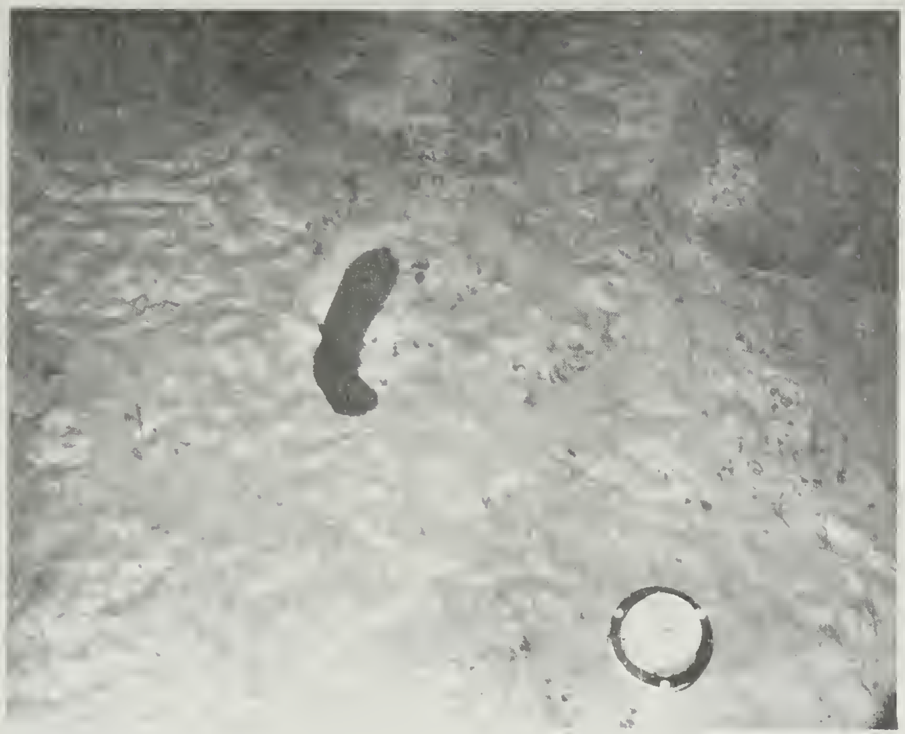
Frame 3

Cruise 42 Ship Sta 7 Camera Sta 4 2324 Meters

Frame 6

Frame 8



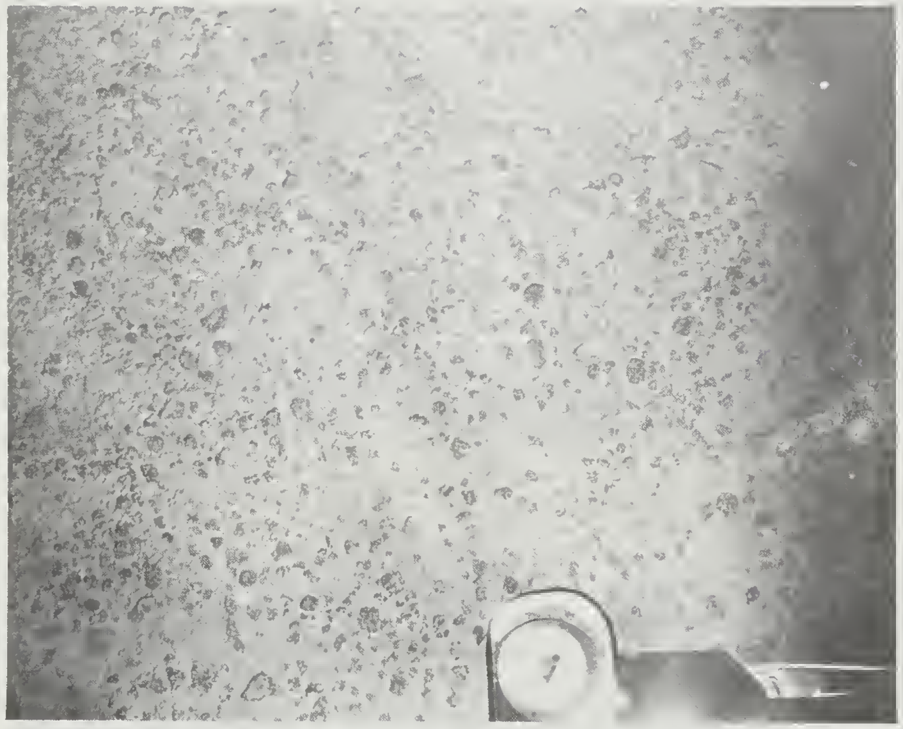


Frame 10

Frame 11

Cruise 42 Ship Sta 7 Camera Sta 4 2324 Meters

Frame 12



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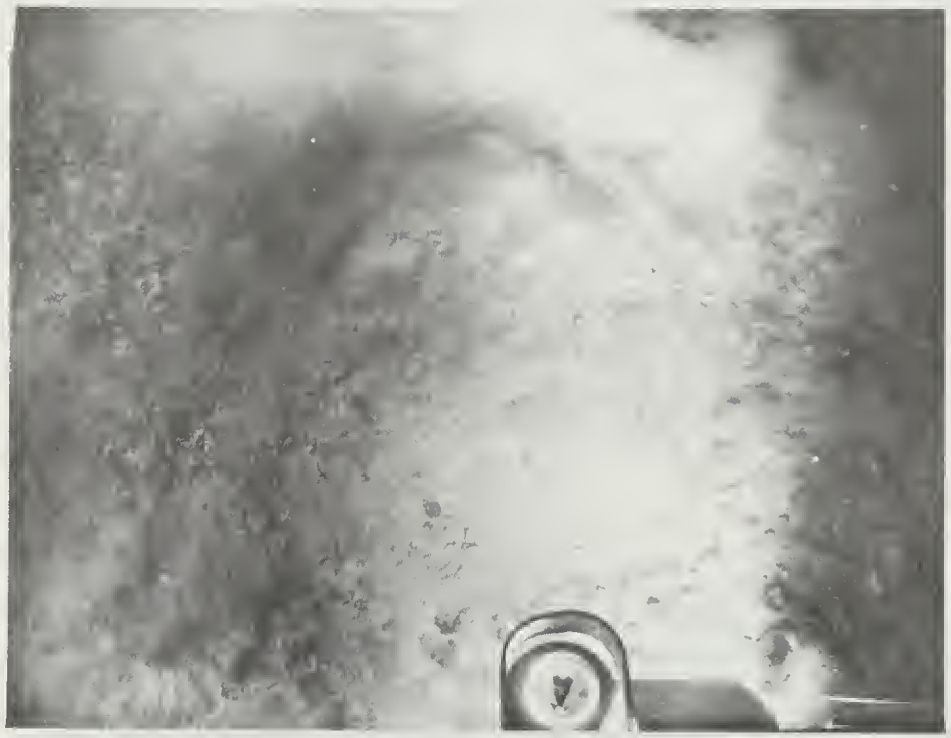
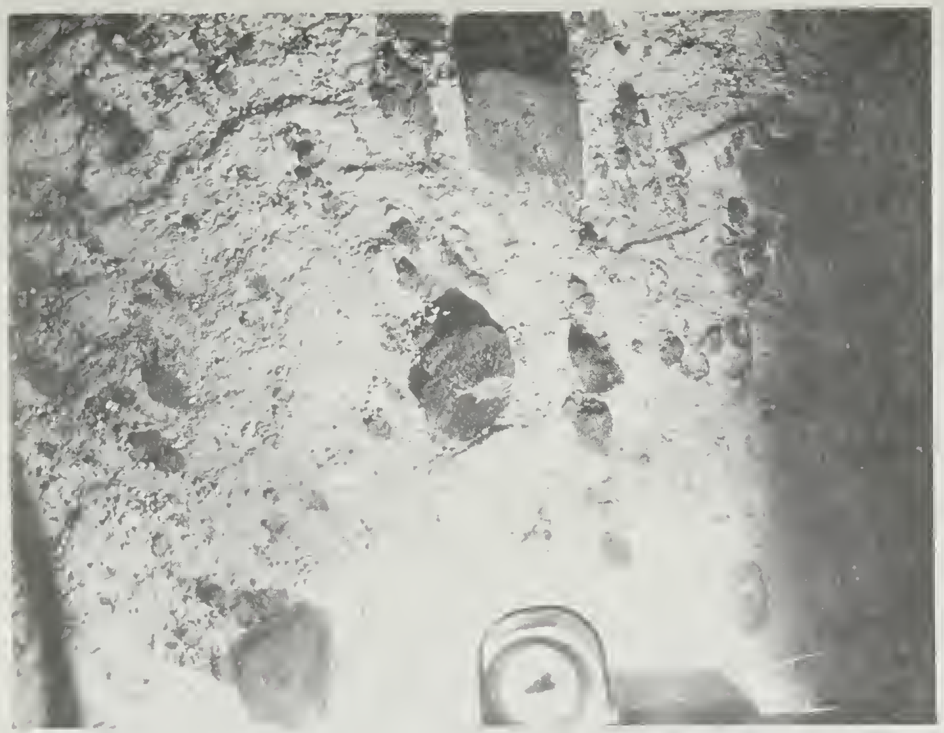
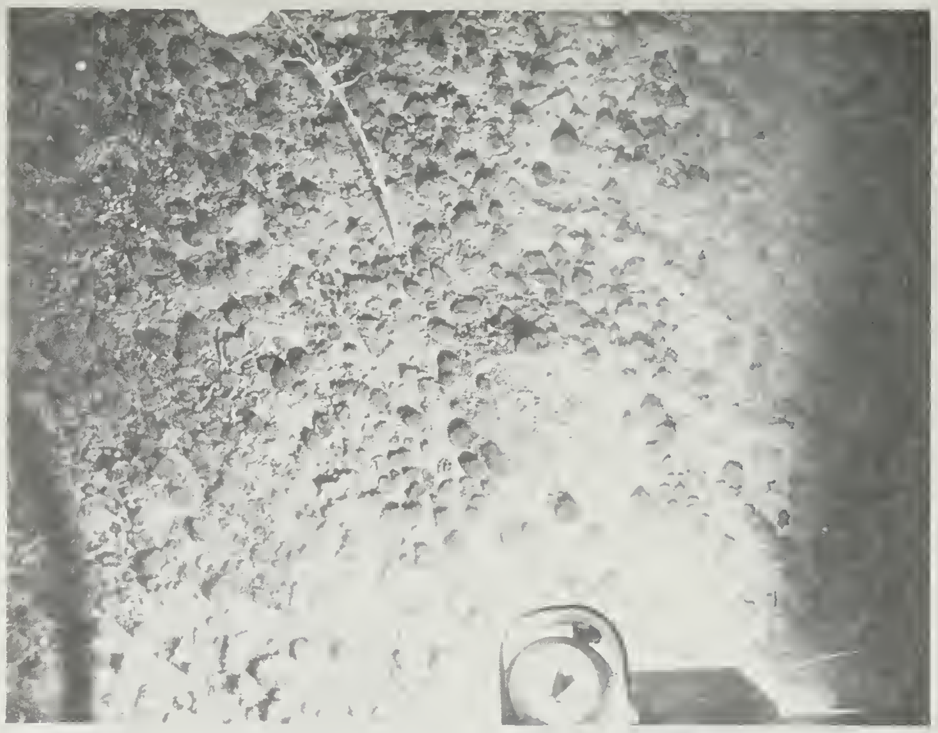


Frame 18

Cruise 42 Ship Sta 8 Camera Sta 5 3129 Meters



Frame 3

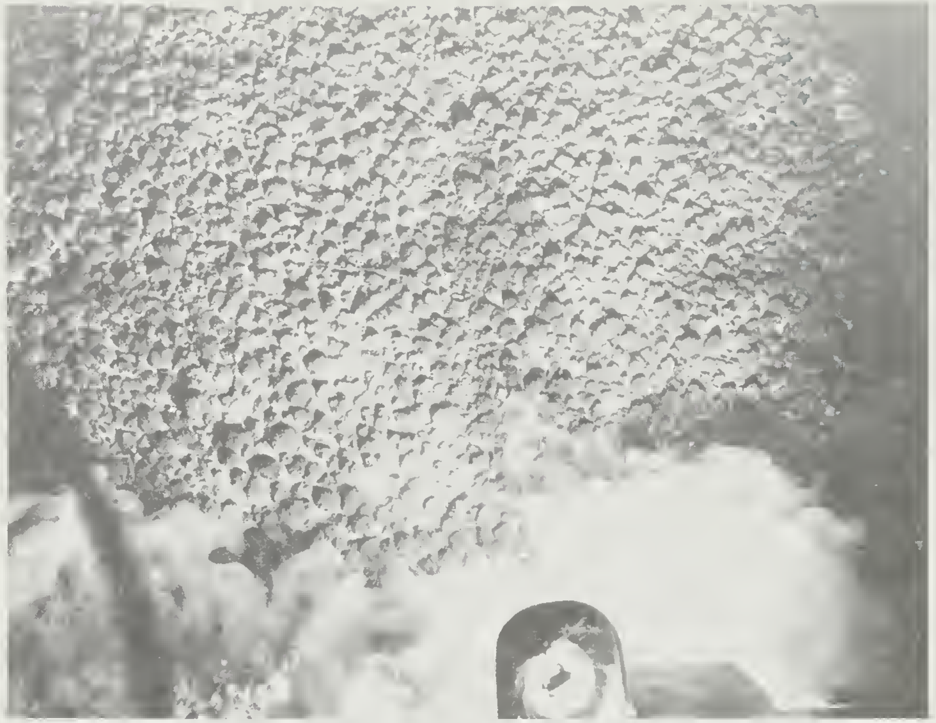


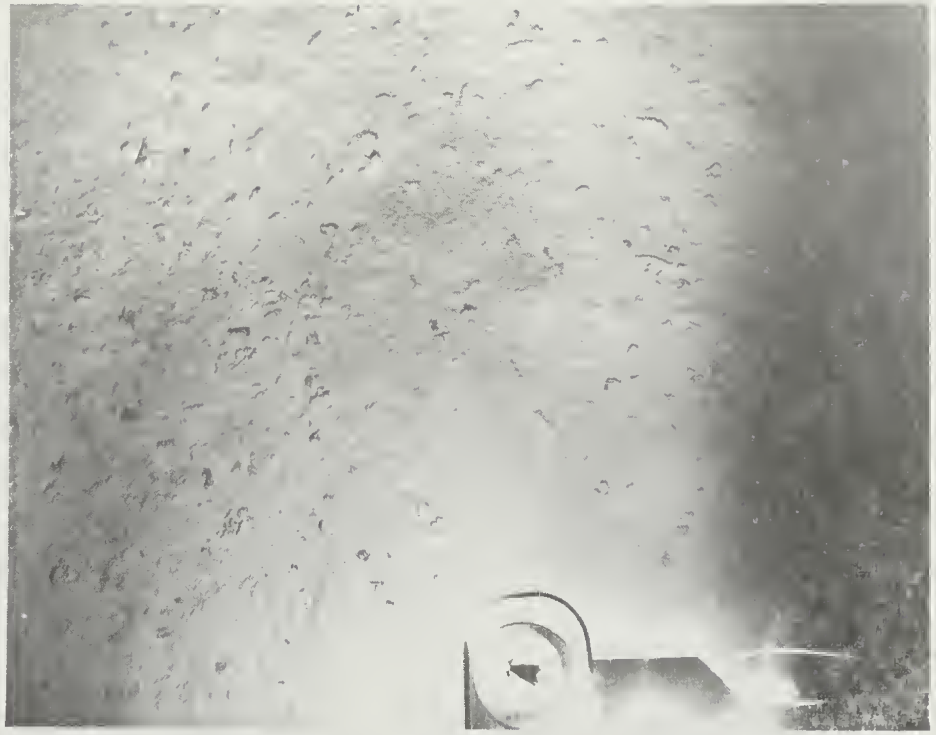
Frame 10

Cruise 42 Ship Sta 9 Camera Sta 6 3717 Meters

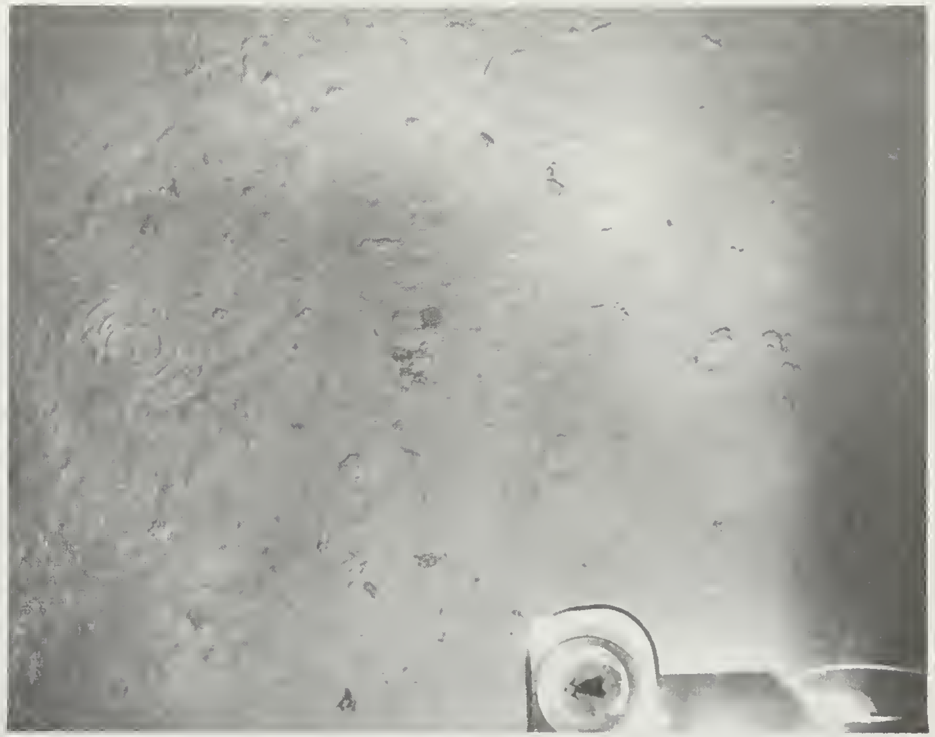
Frame 12

Frame 34





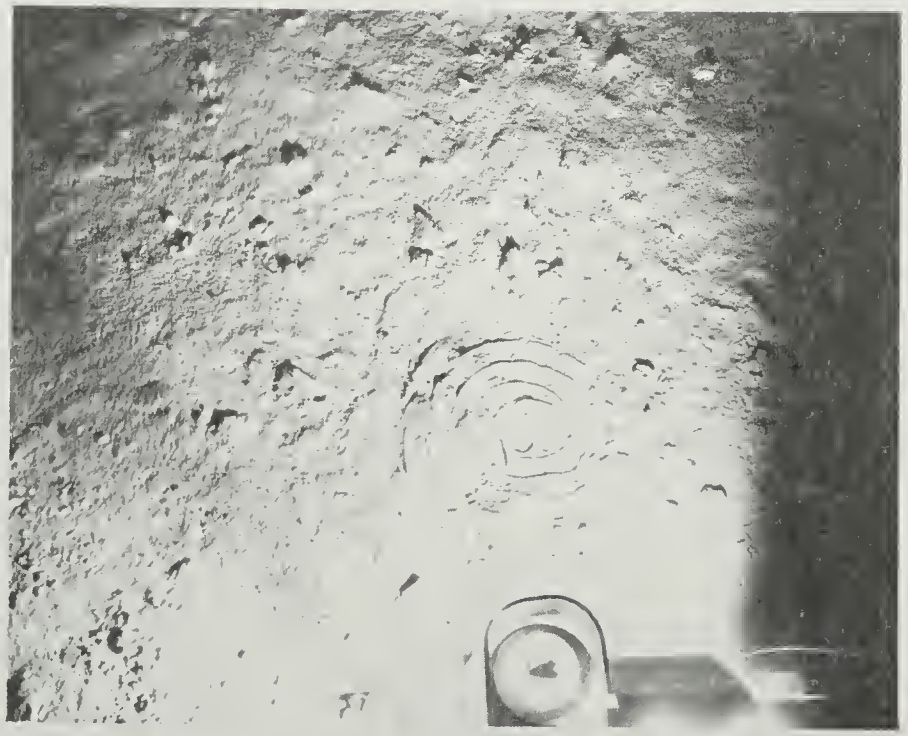
Frame 11

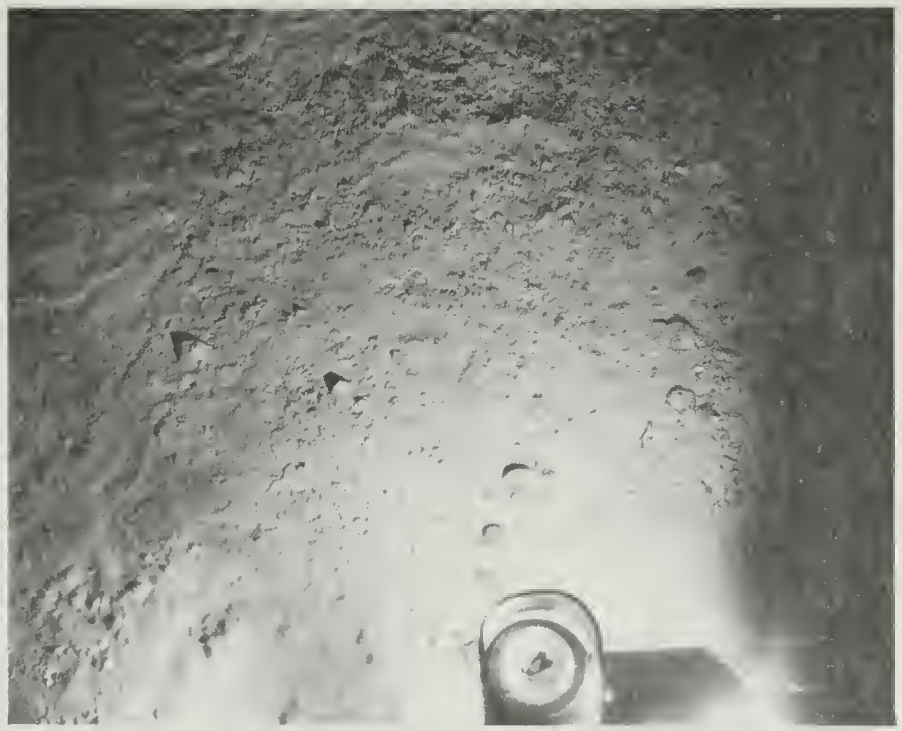


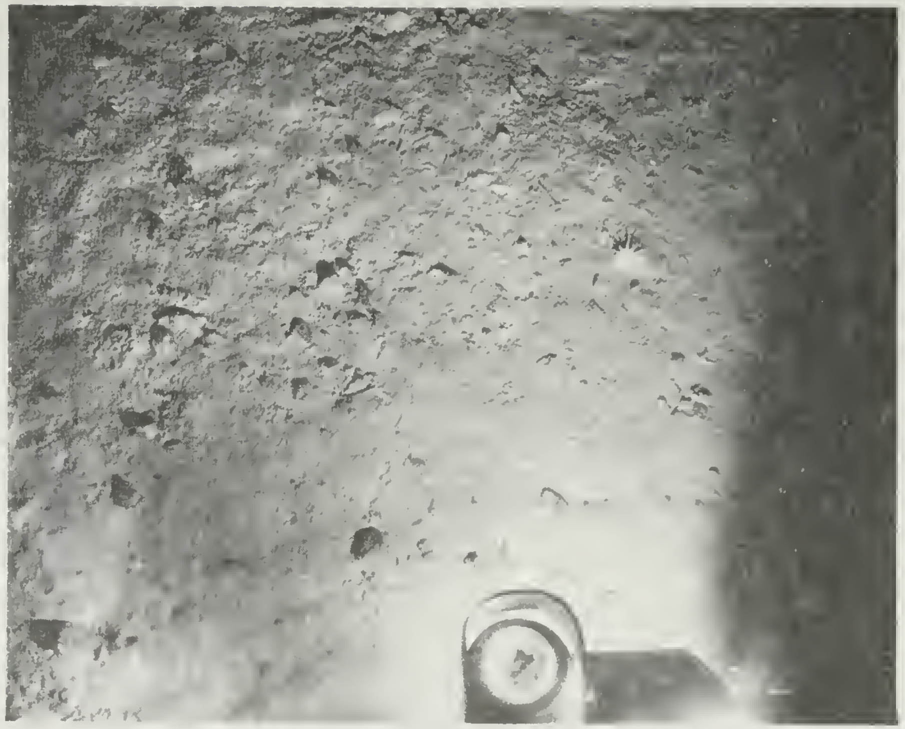
Frame 15

Cruise 42 Ship Sta 10 Camera Sta 7 4388 Meters

Frame 20







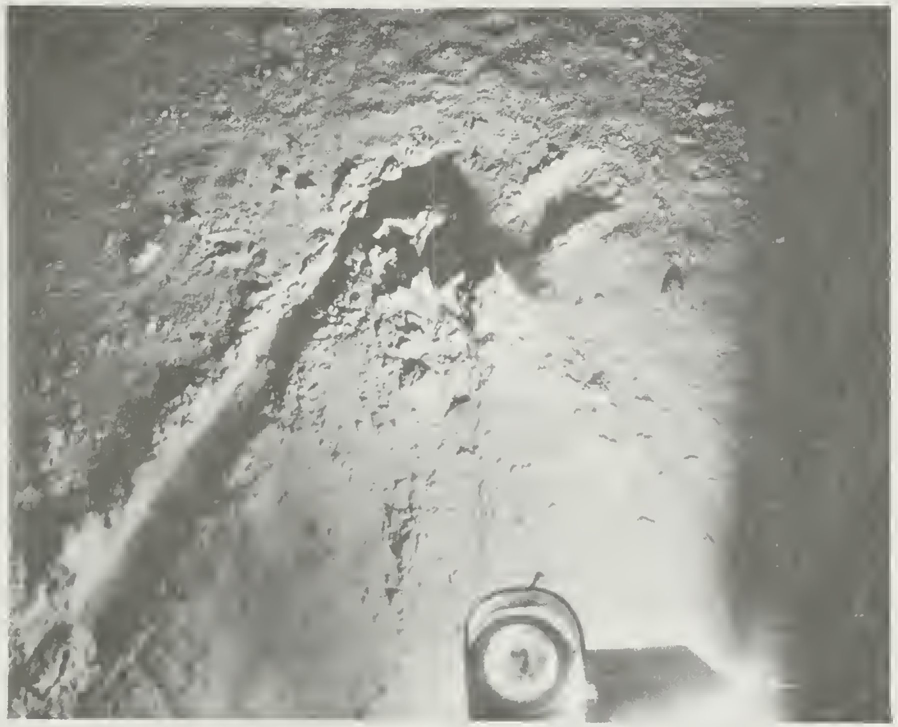
Frame 4

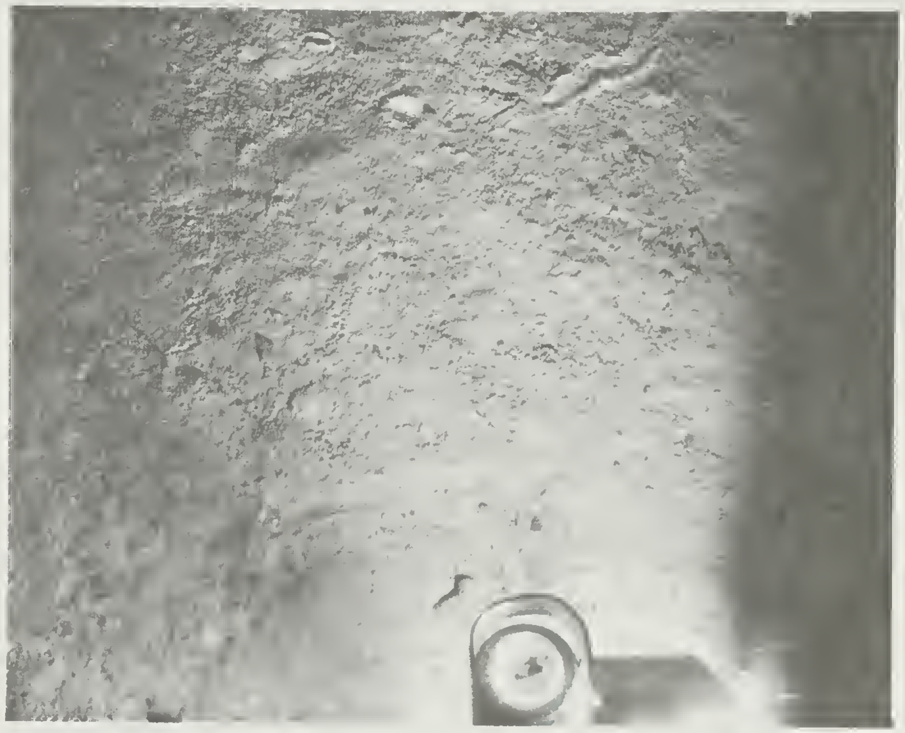
Frame 12

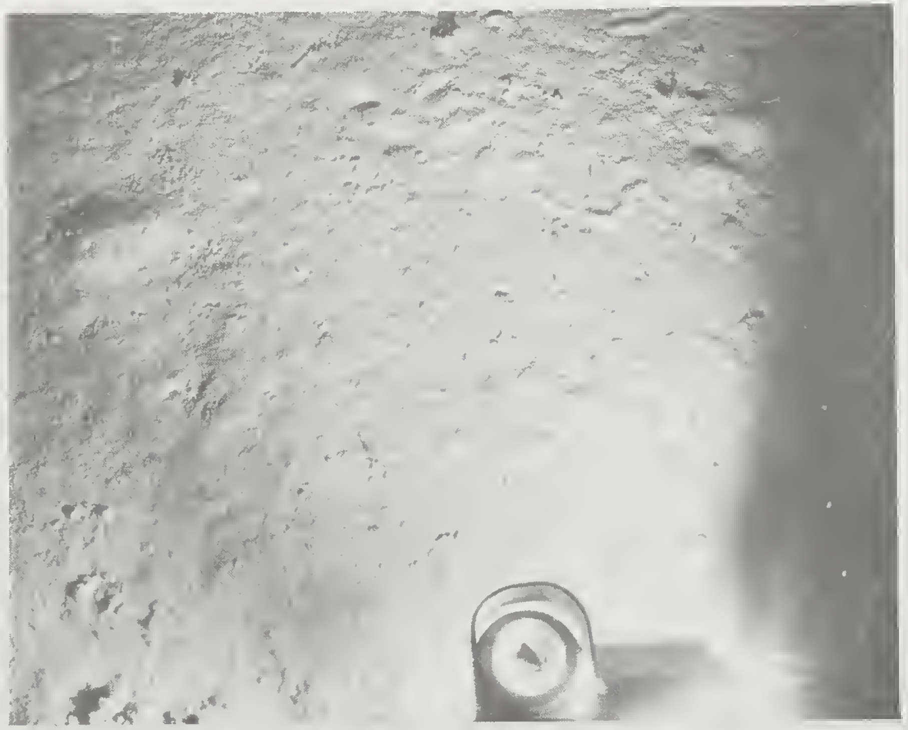
Cruise 42 Ship Sta 13 Camera Sta 8 3700 Meters

Frame 18

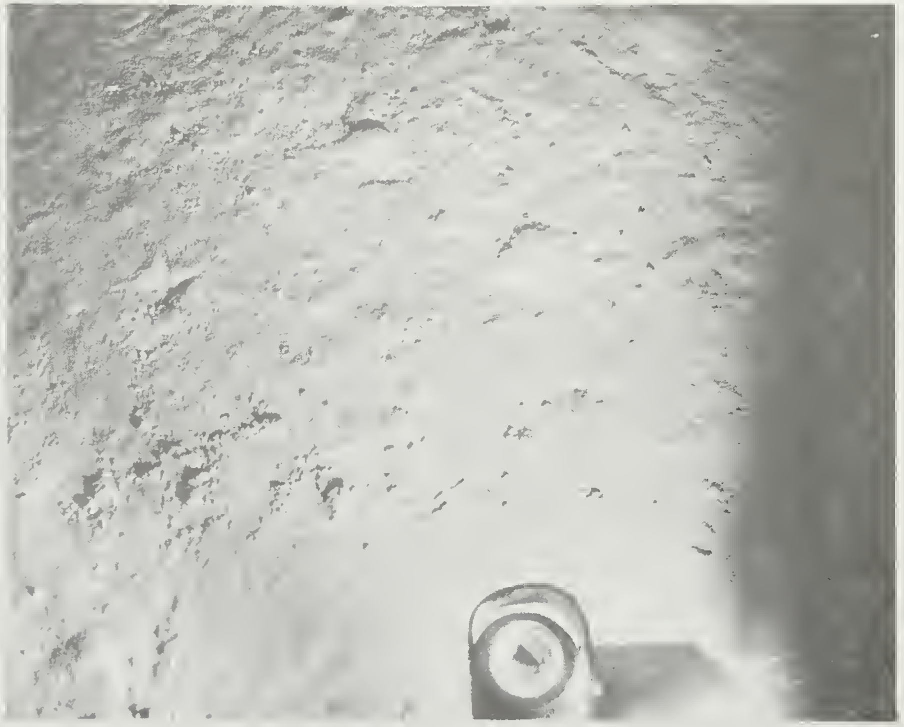
Frame 27







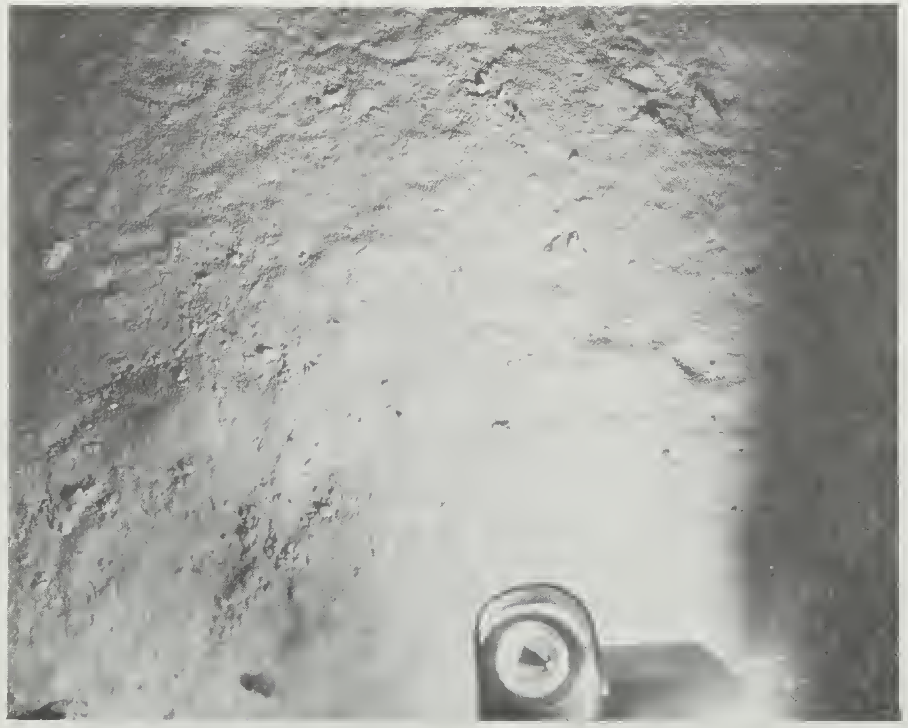
Frame 6

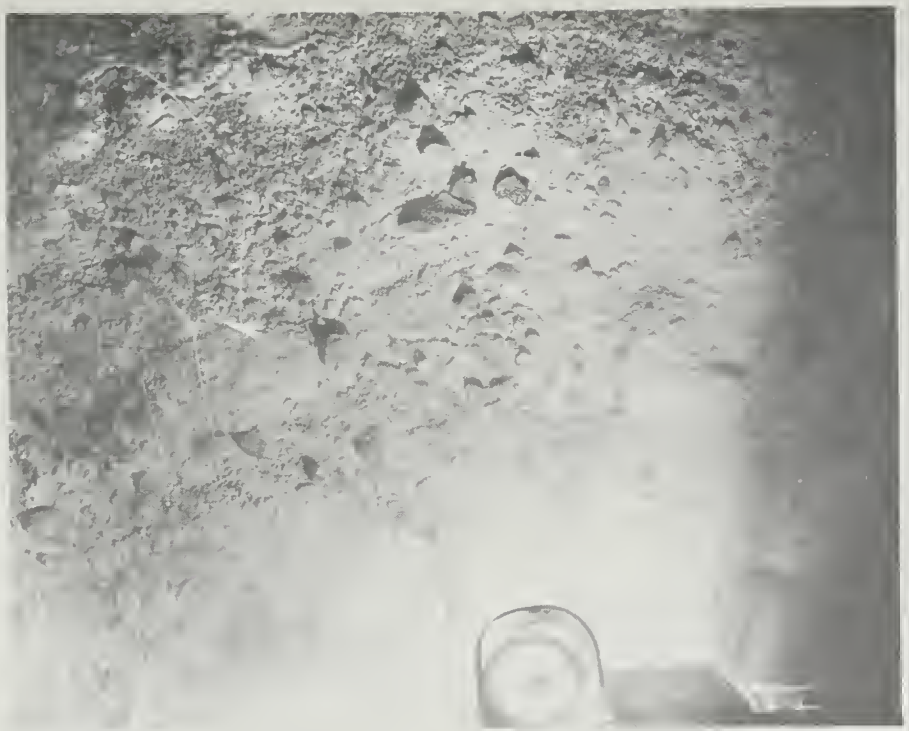


Frame 14

Cruise 42 Ship Sta 14 Camera Sta 9 2846 Meters

Frame 23





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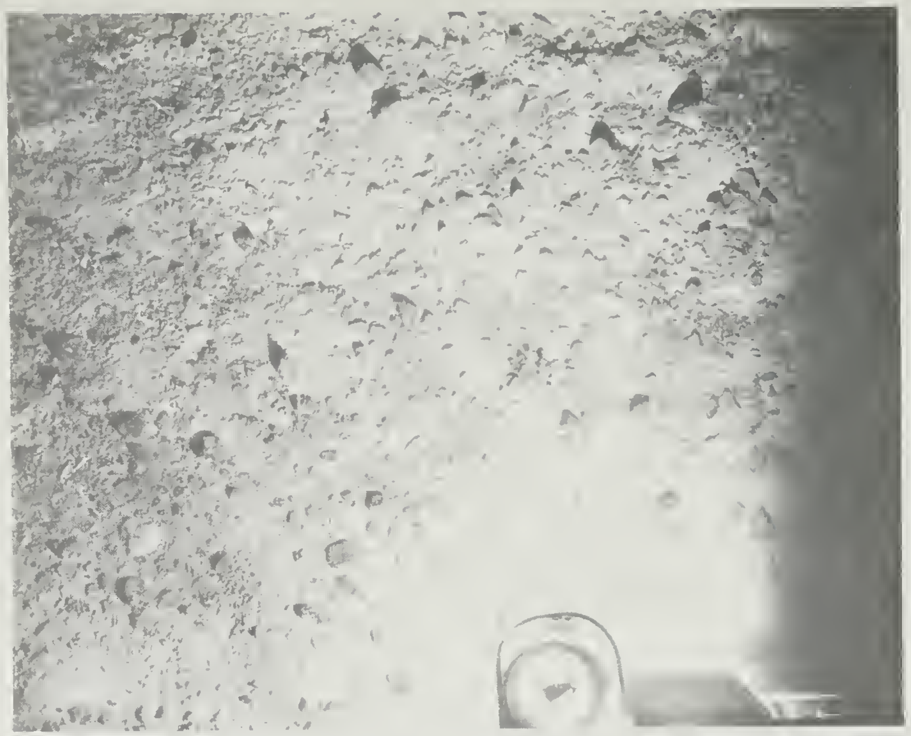
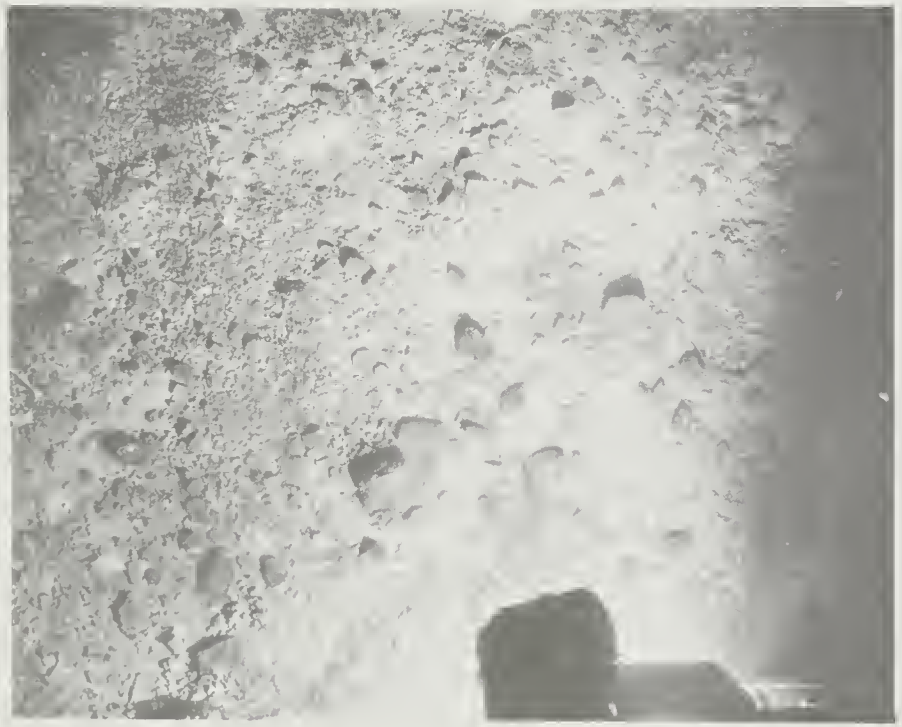


Frame 13

Cruise 42 Ship Sta 15 Camera Sta 10 1984 Meters

Frame 18



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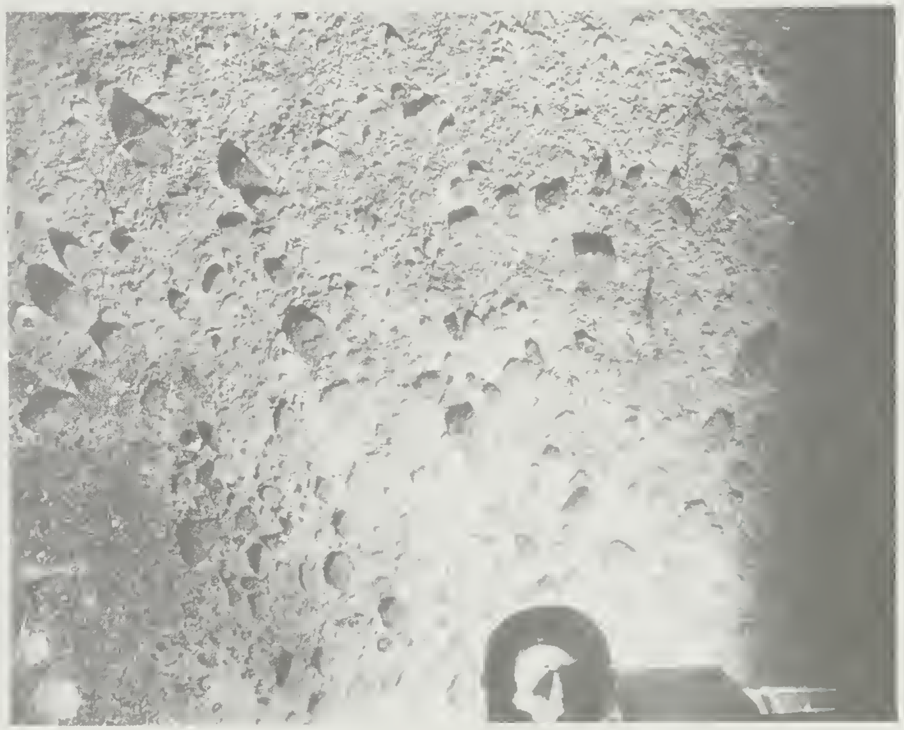
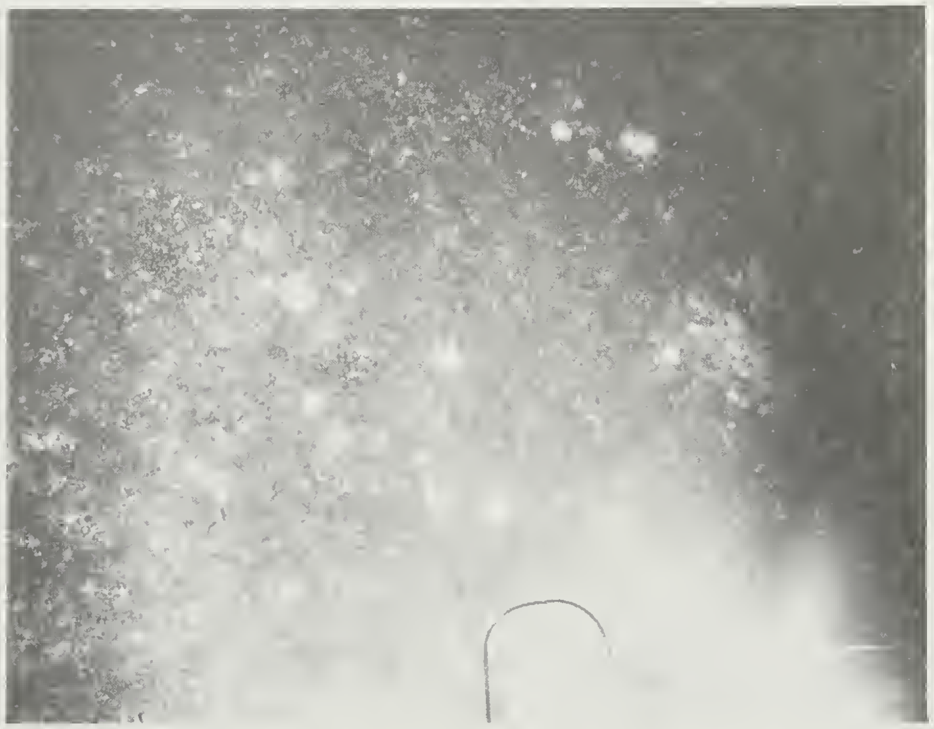
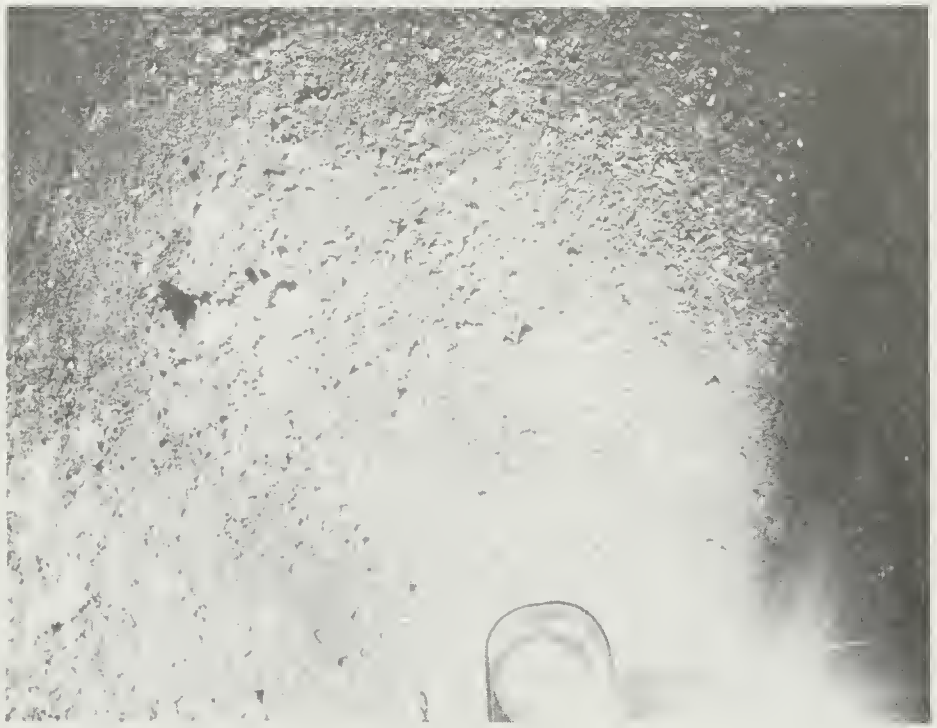




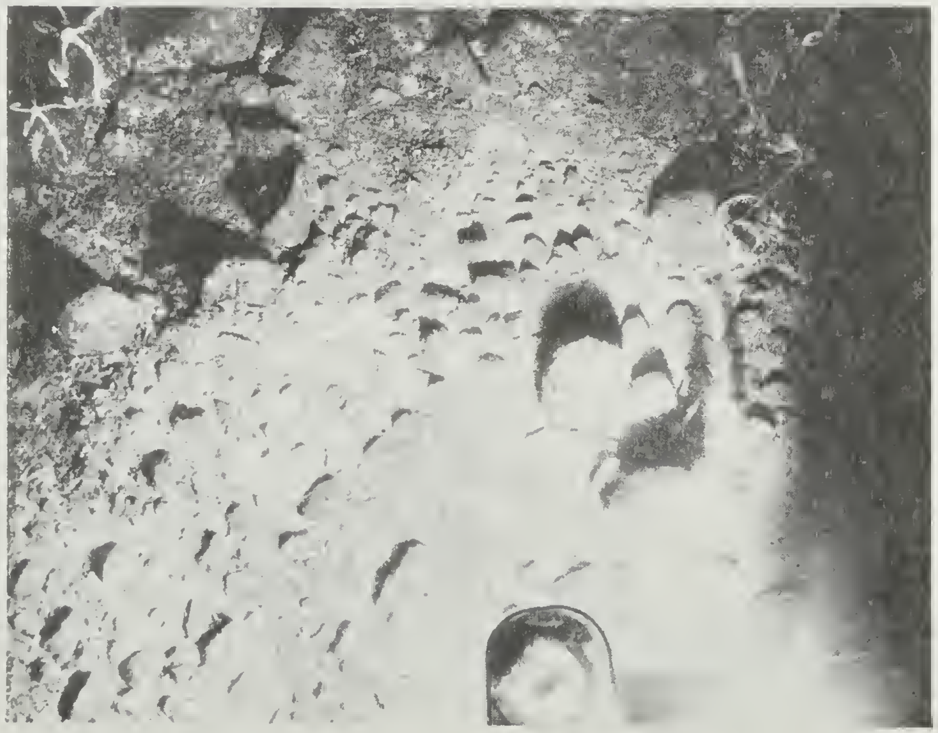
Frame 2

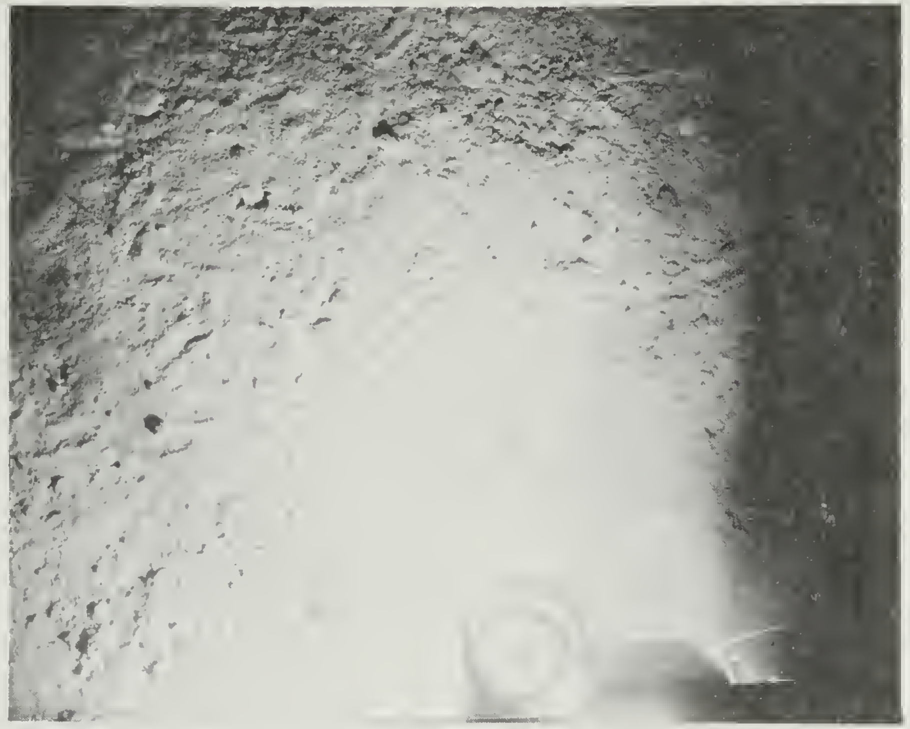


Frame 6

Cruise 42 Ship Sta 17 Camera Sta 12 541 Meters

Frame 10





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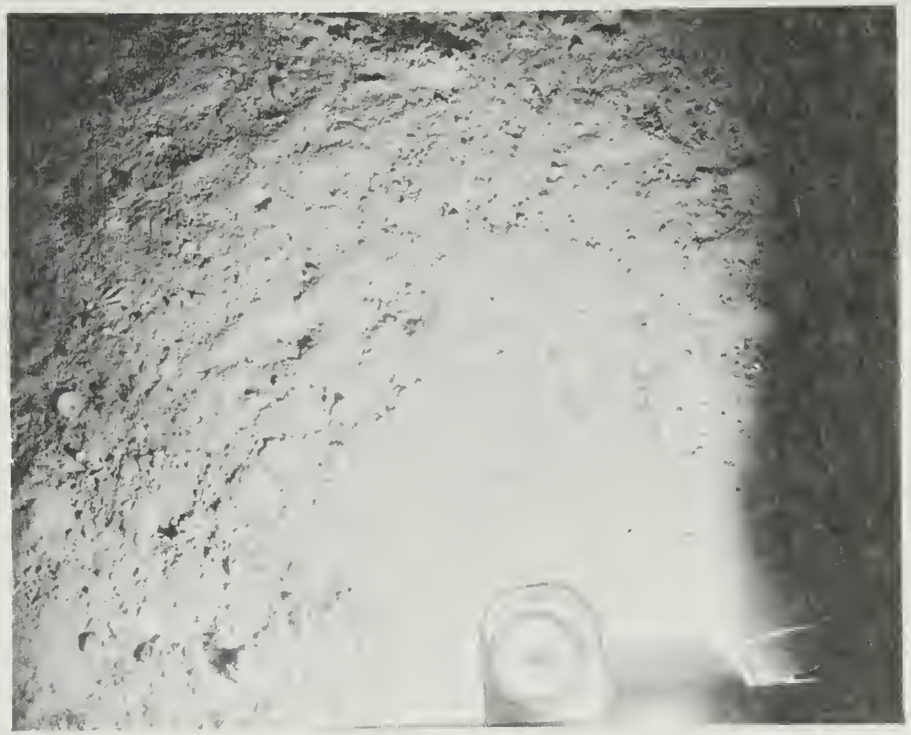
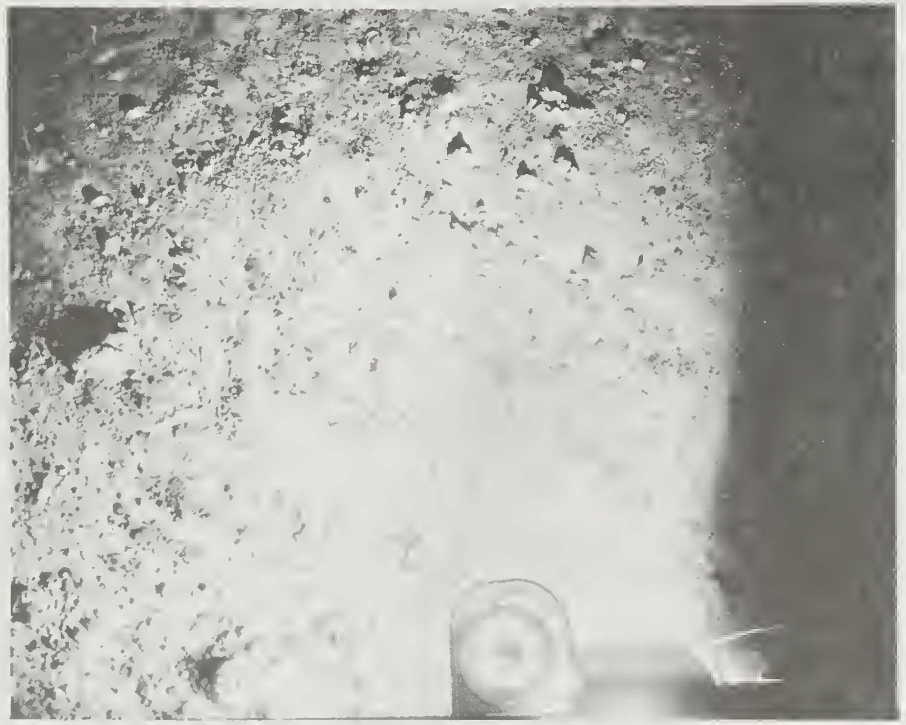
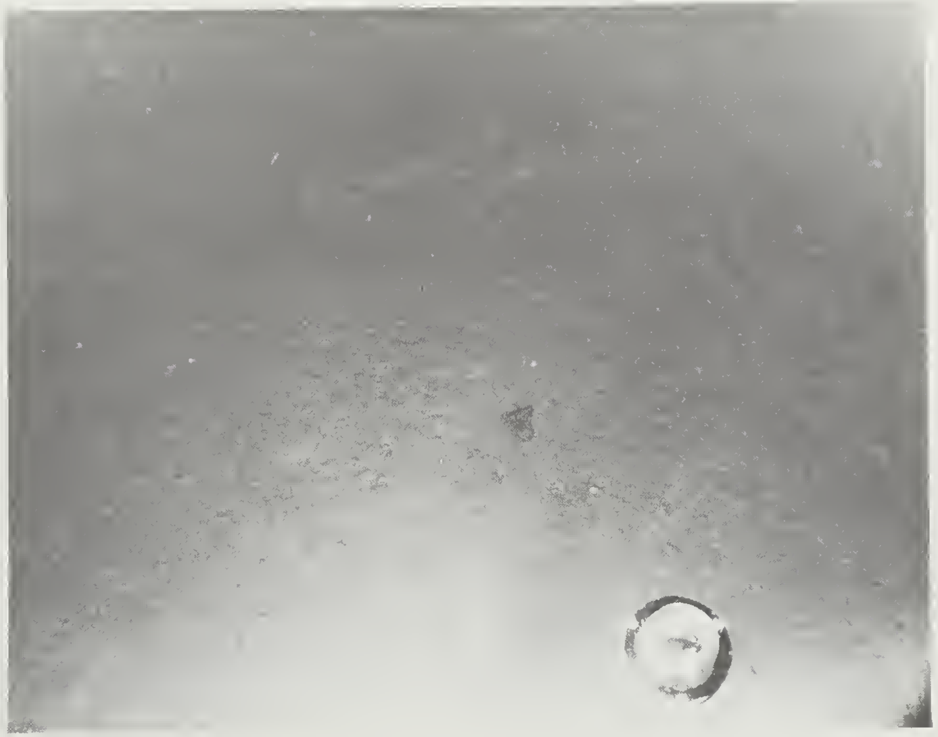


Frame 17

Cruise 42 Ship Sta 19 Camera Sta 13 3047 Meters

Frame 44





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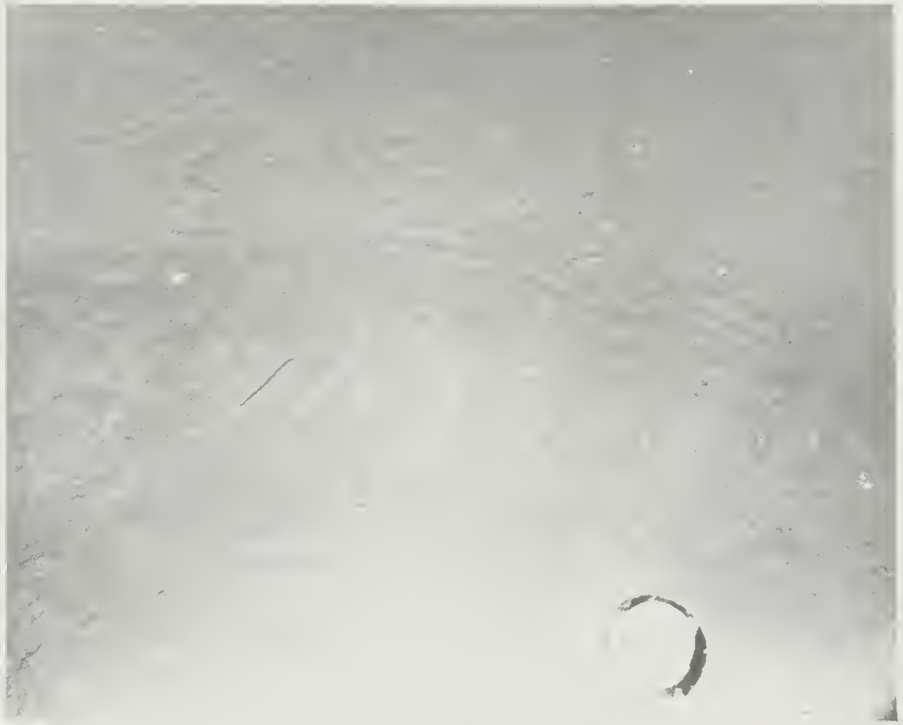
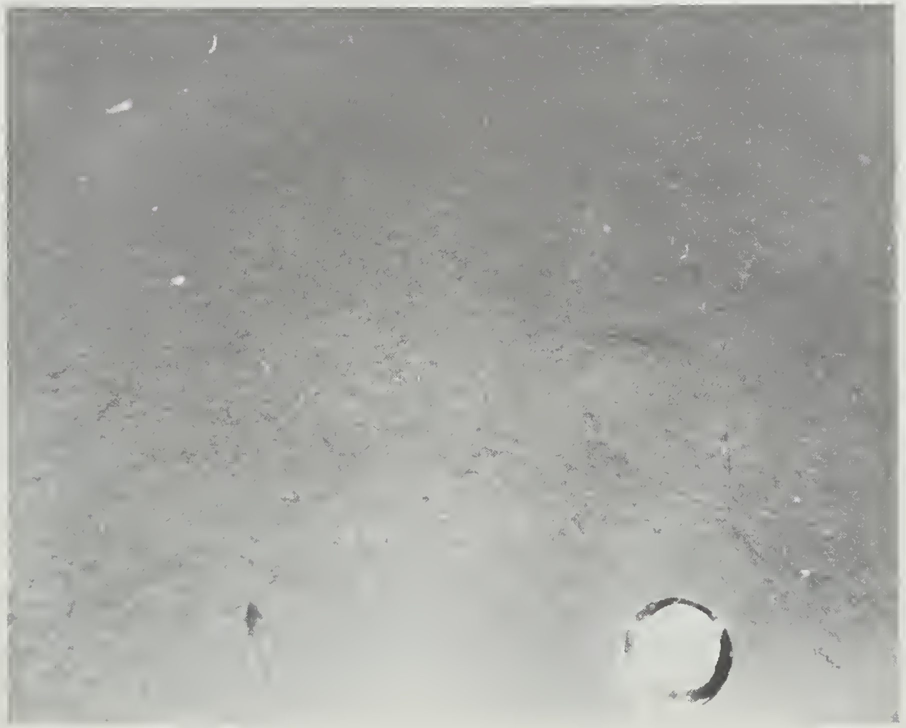


Frame 4

Cruise 42 Ship Sta 20 Camera Sta 14 4268 Meters

Frame 10



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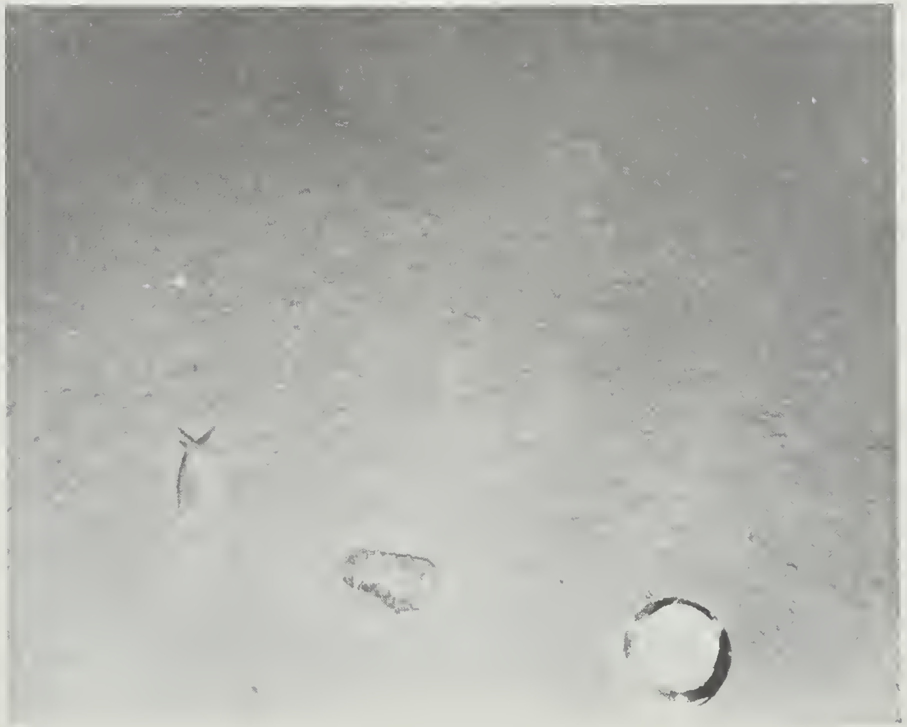


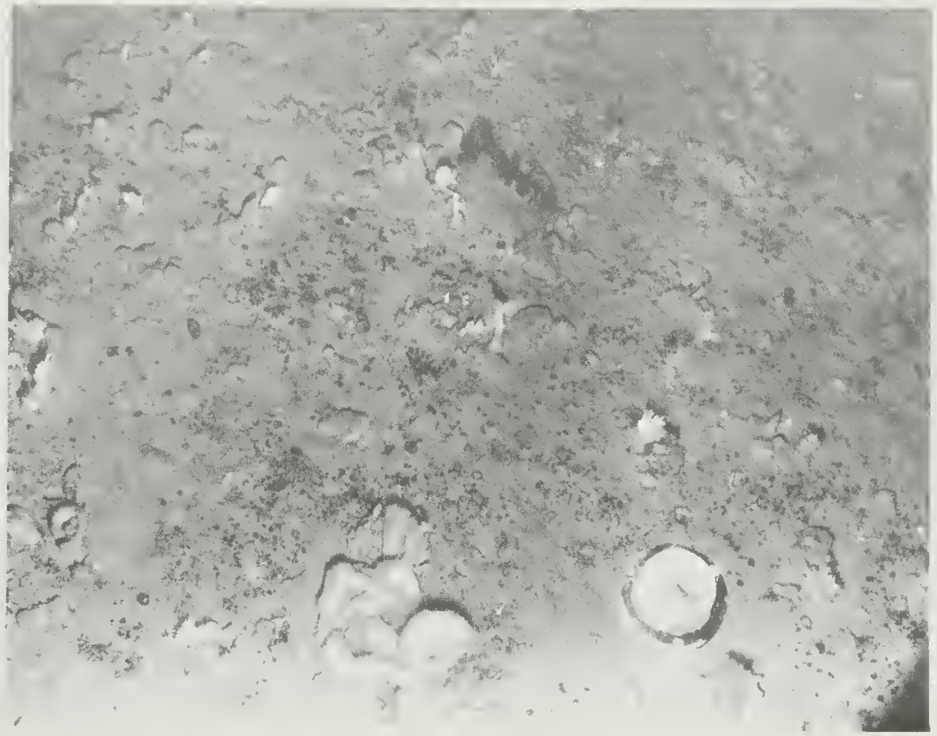
Frame 5

Frame 6

Cruise 42 Ship Sta 21 Camera Sta 15 4169 Meters

Frame 9

Frame 13



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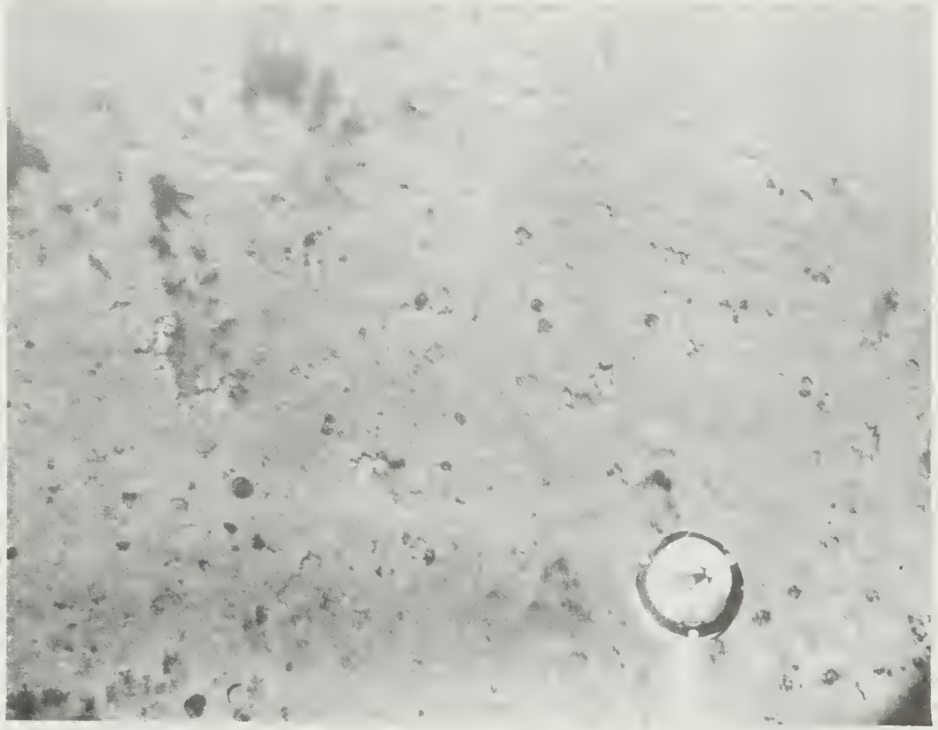
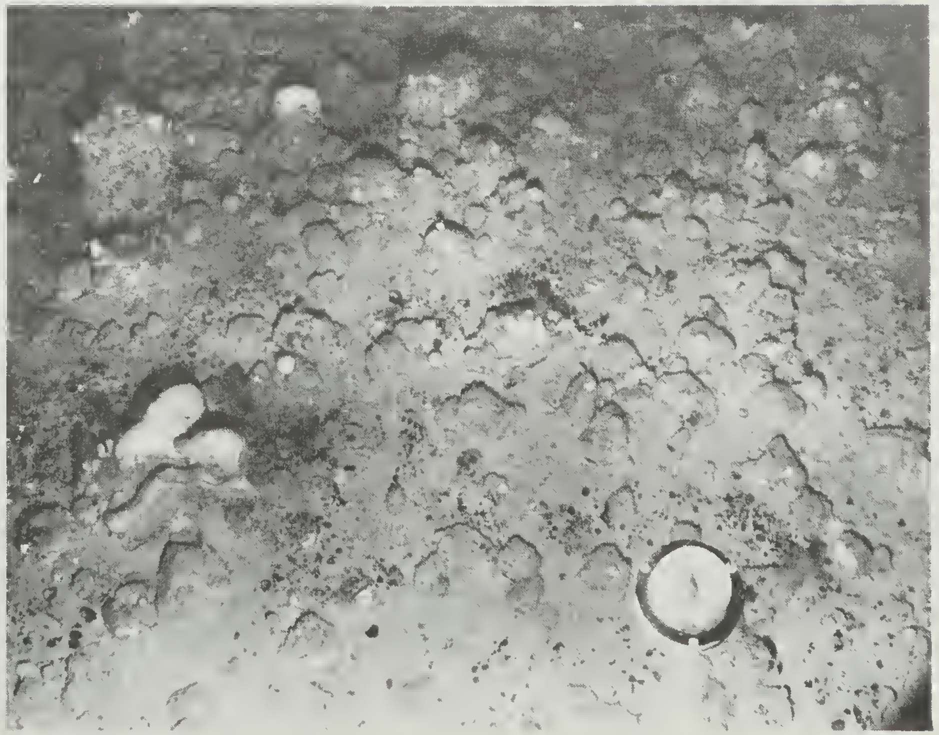
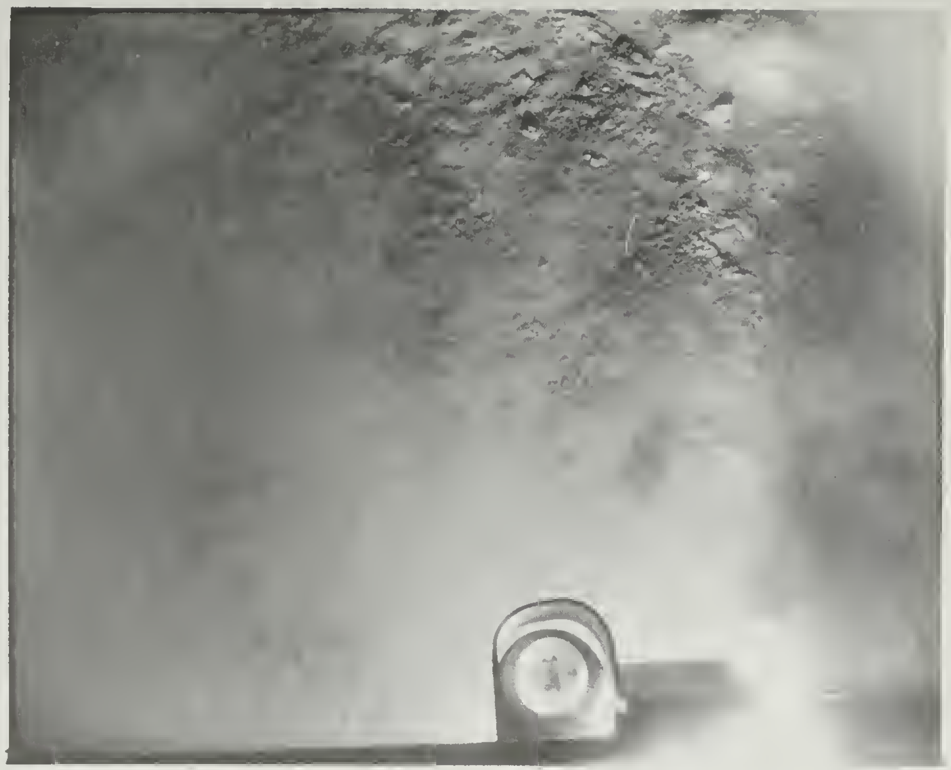


Frame 5

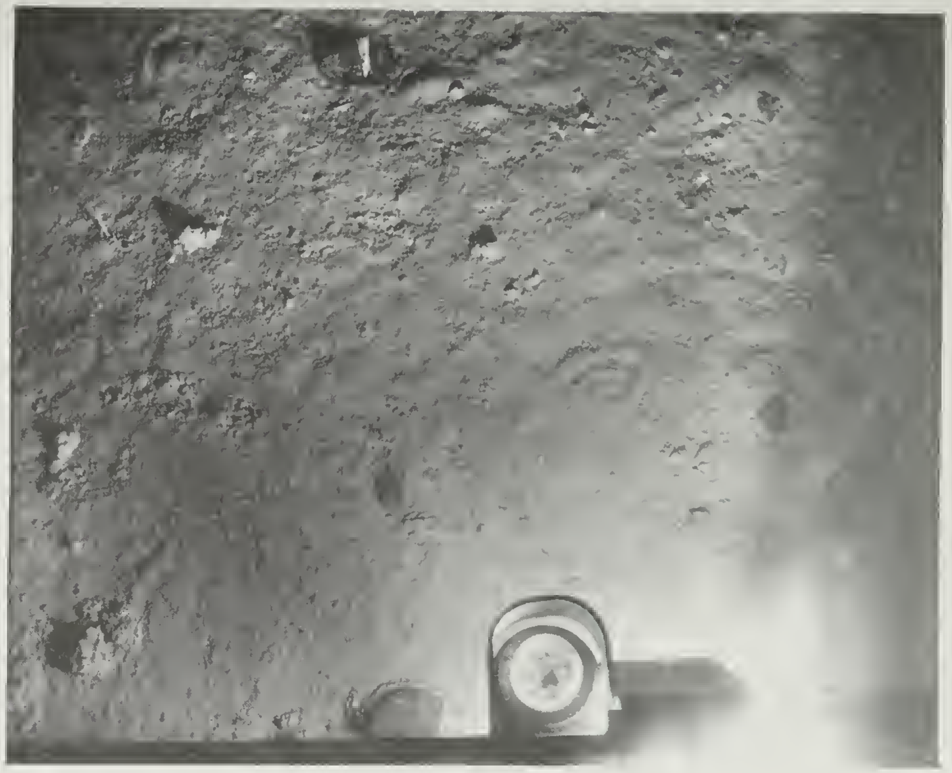
Cruise 42 Ship Sta 22 Camera Sta 16 408 Meters

Frame 6





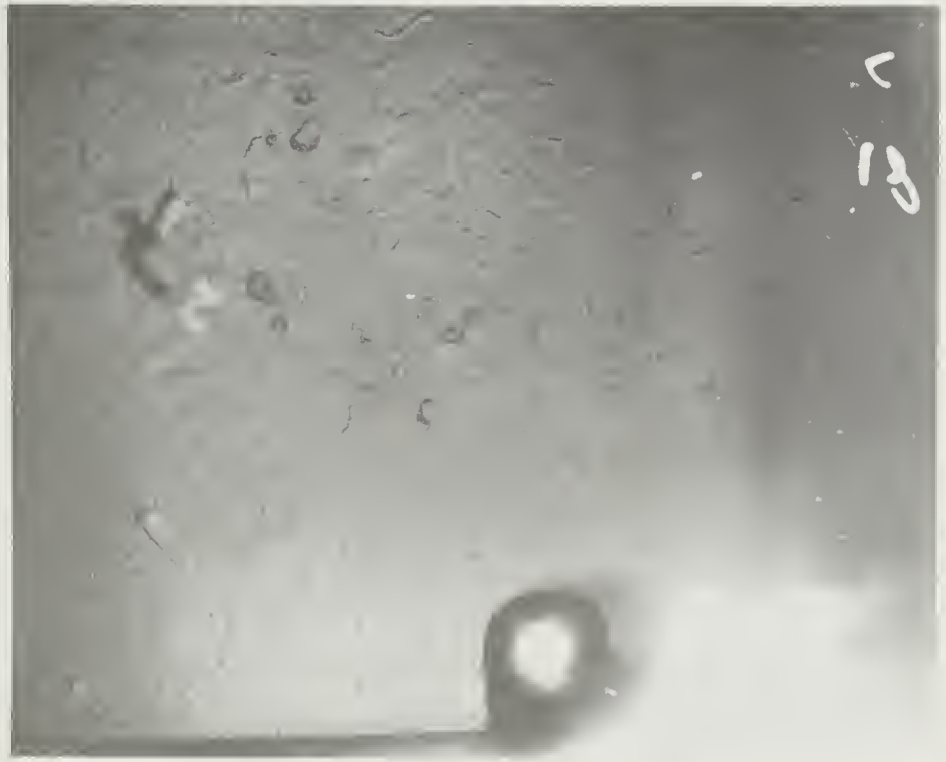
Frame 2



Frame 16

Cruise 43 Ship Sta 4 Camera Sta I 4050 Meters

Frame 18



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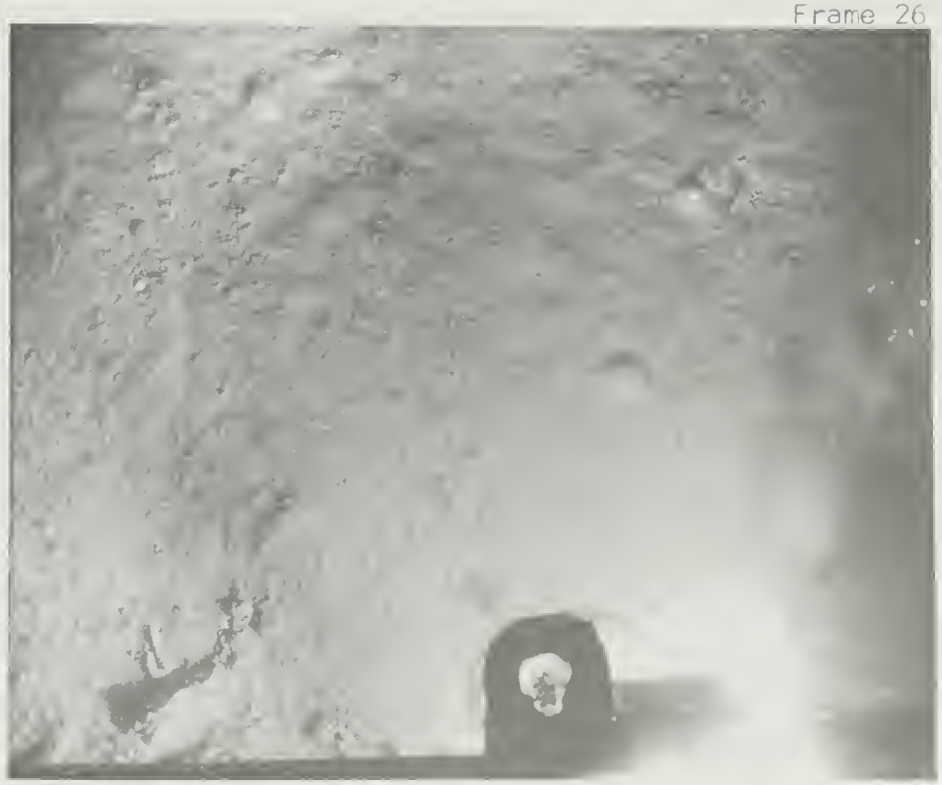
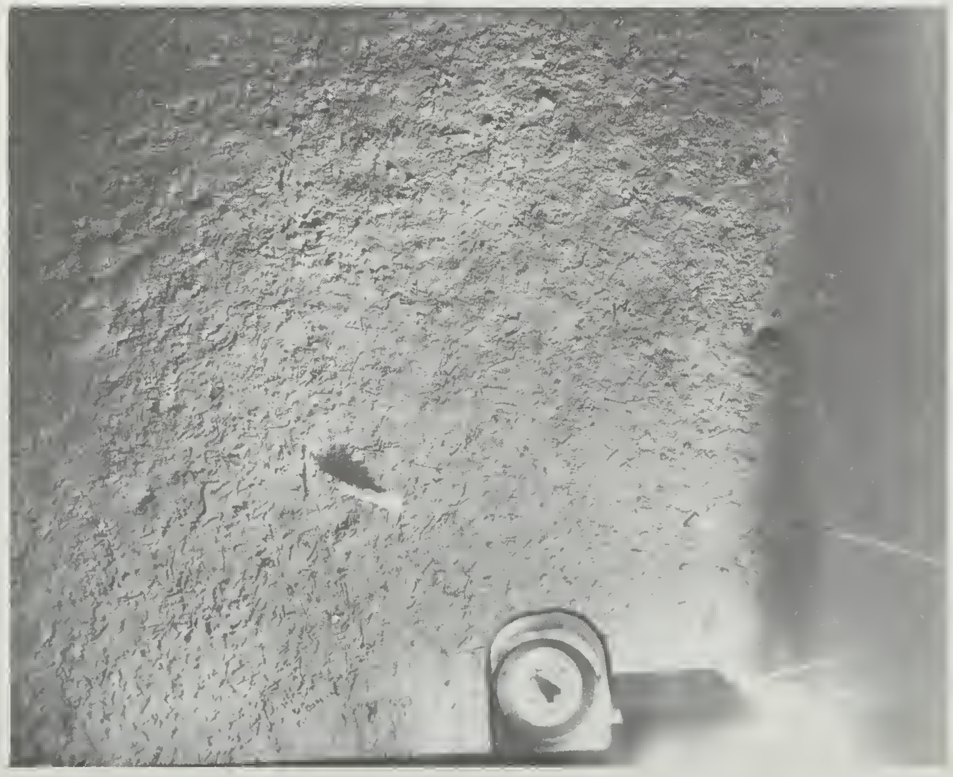


Frame 7

Frame 15

Cruise 43 Ship Sta 5 Camera Sta 2 3040 Meters

Frame 23



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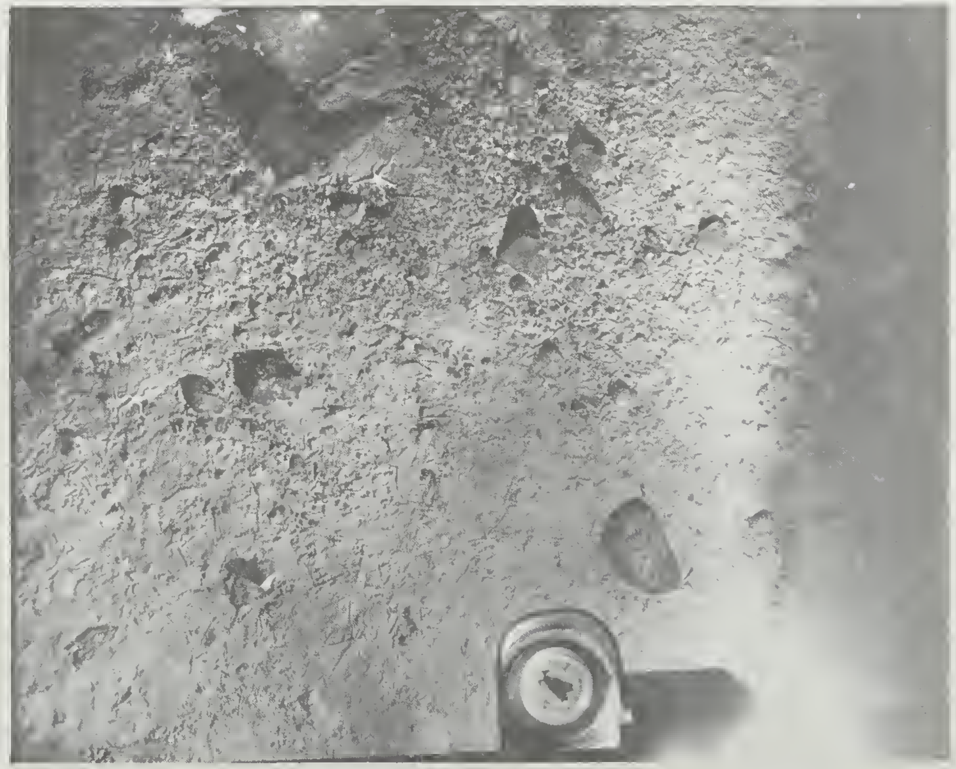


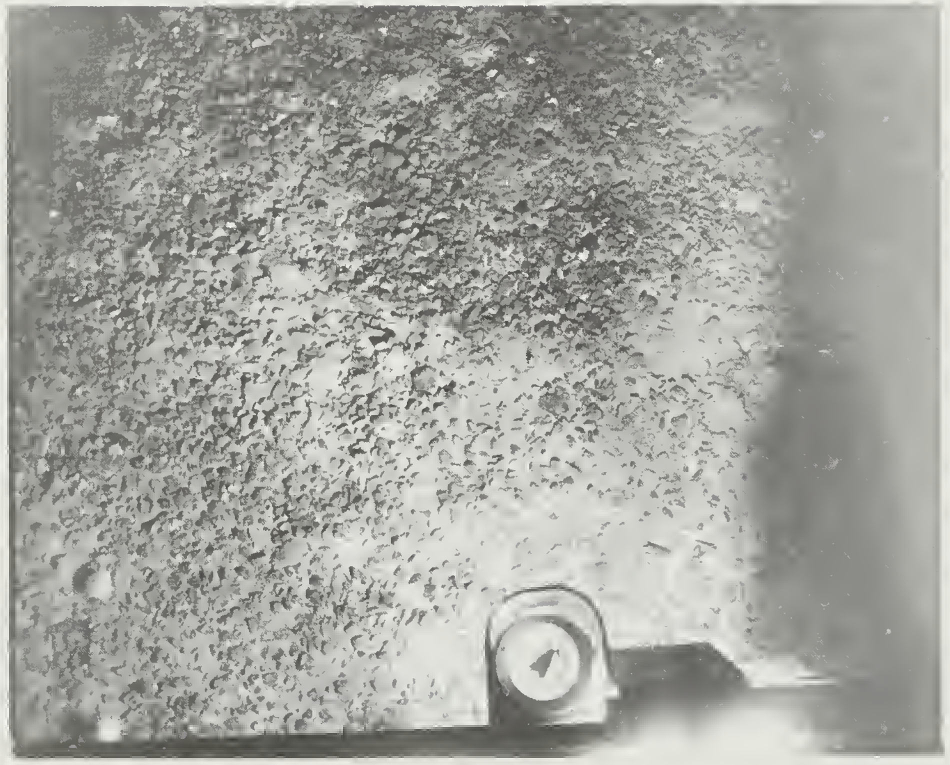
Frame 3

Frame 10

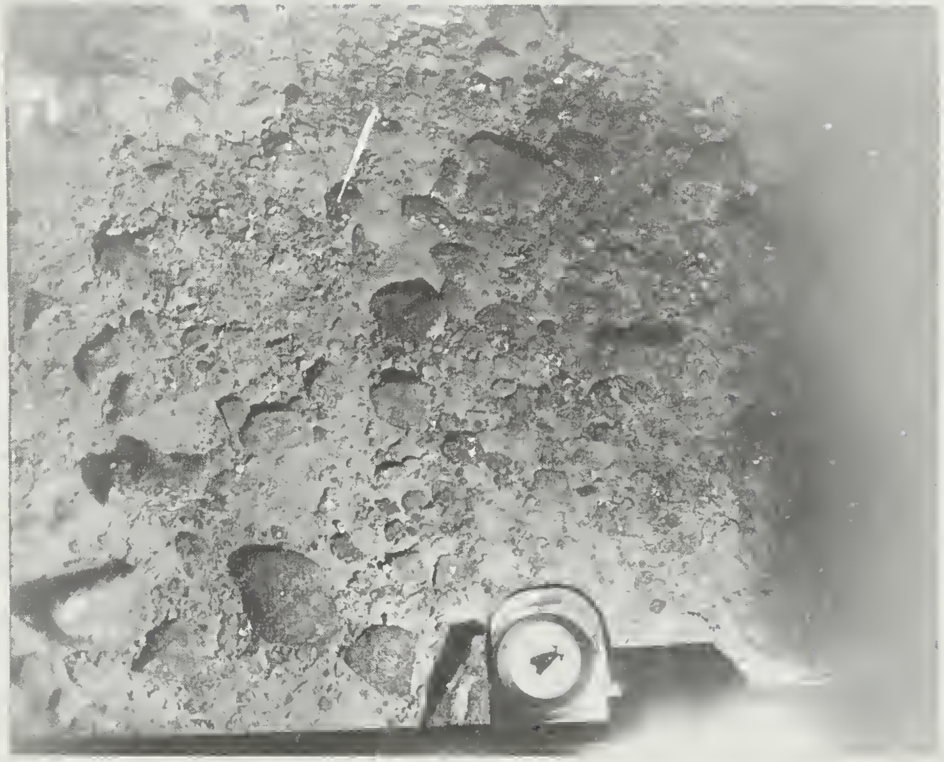
Cruise 43 Ship Sta 6 Camera Sta 3 1731 Meters

Frame 18

Frame 27



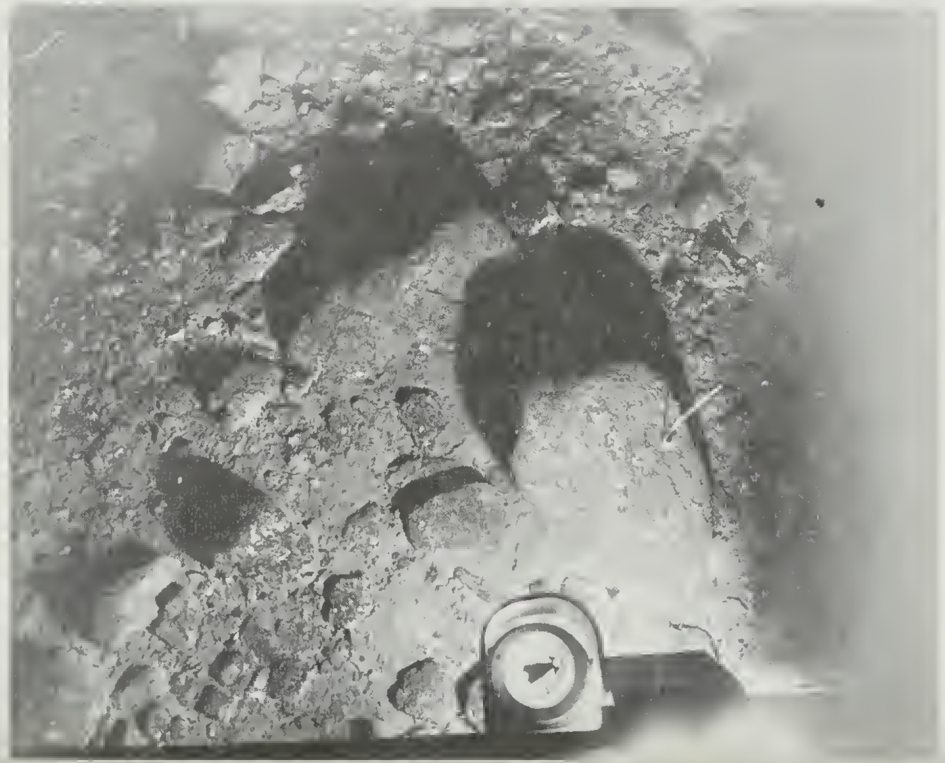
Frame 7



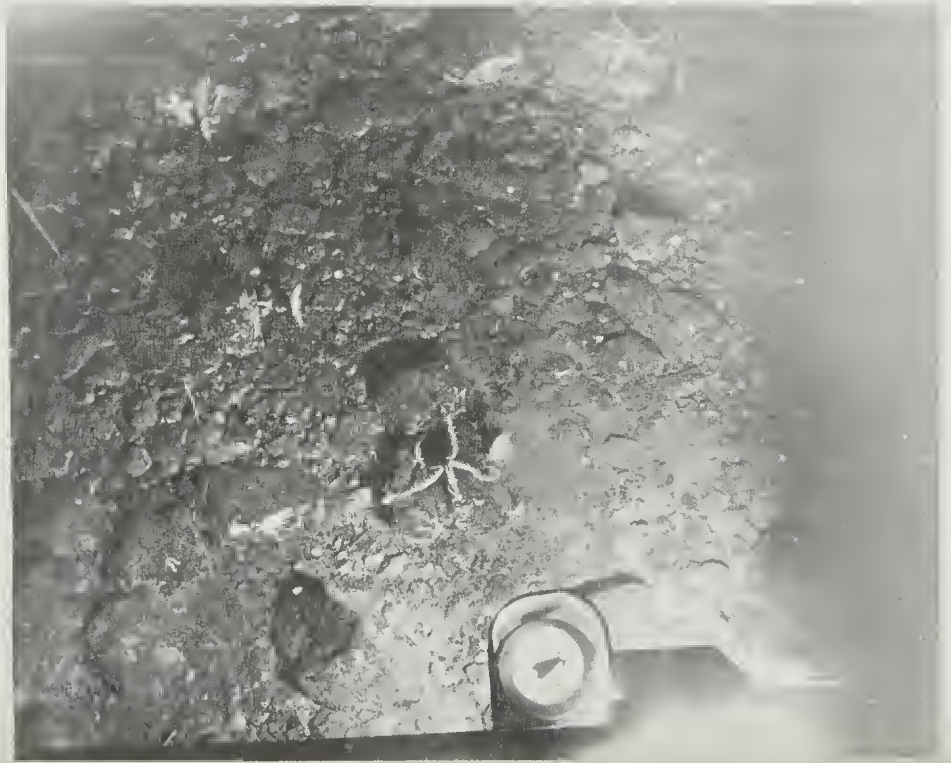
Frame 17

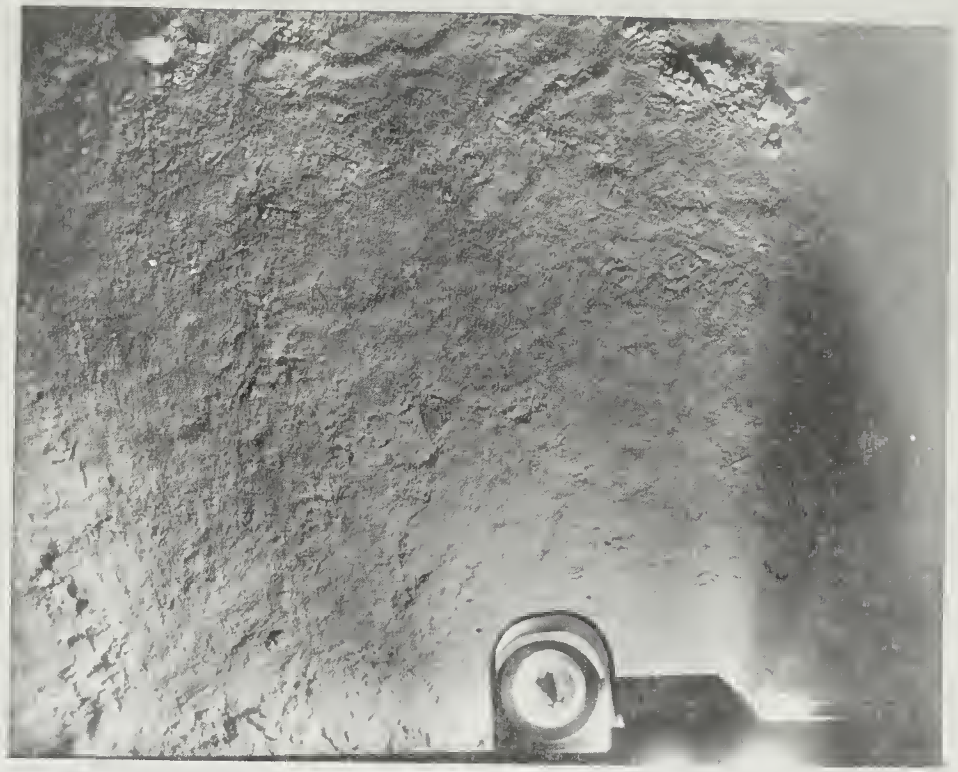
Cruise 43 Ship Sta 7 Camera Sta 4 485 Meters

Frame 23



Frame 32

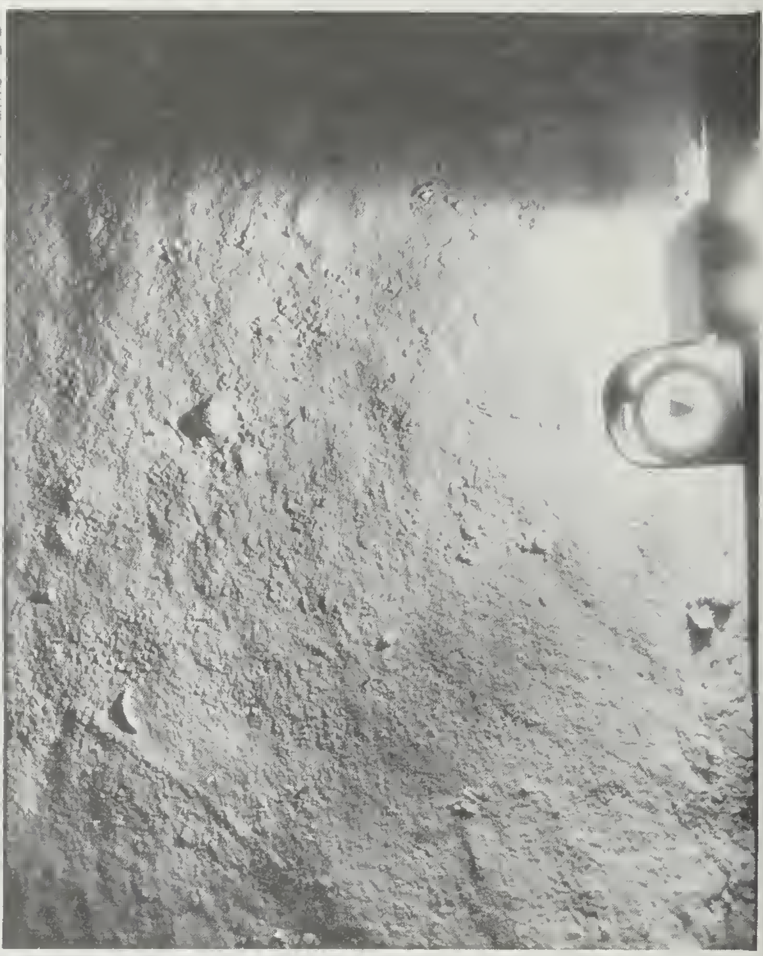




Frame 10

Cruise 43 Ship Sta 8 Camera Sta 5 4903 Meters

Cruise 45 Ship Sta 9 Camera Sta 6 4127 Meters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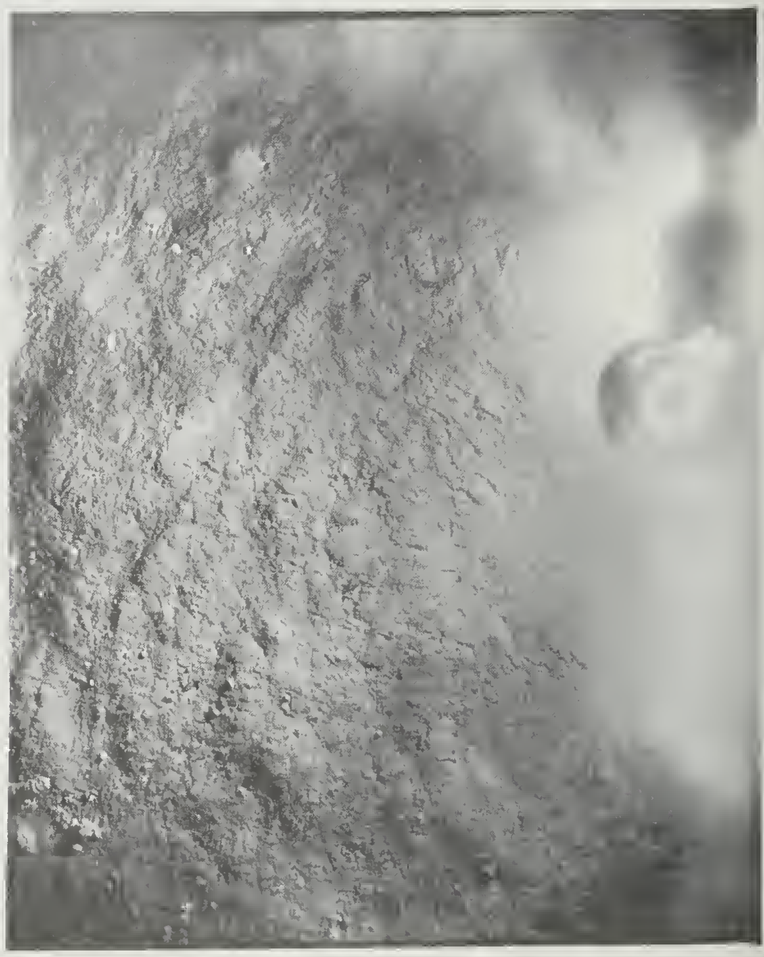
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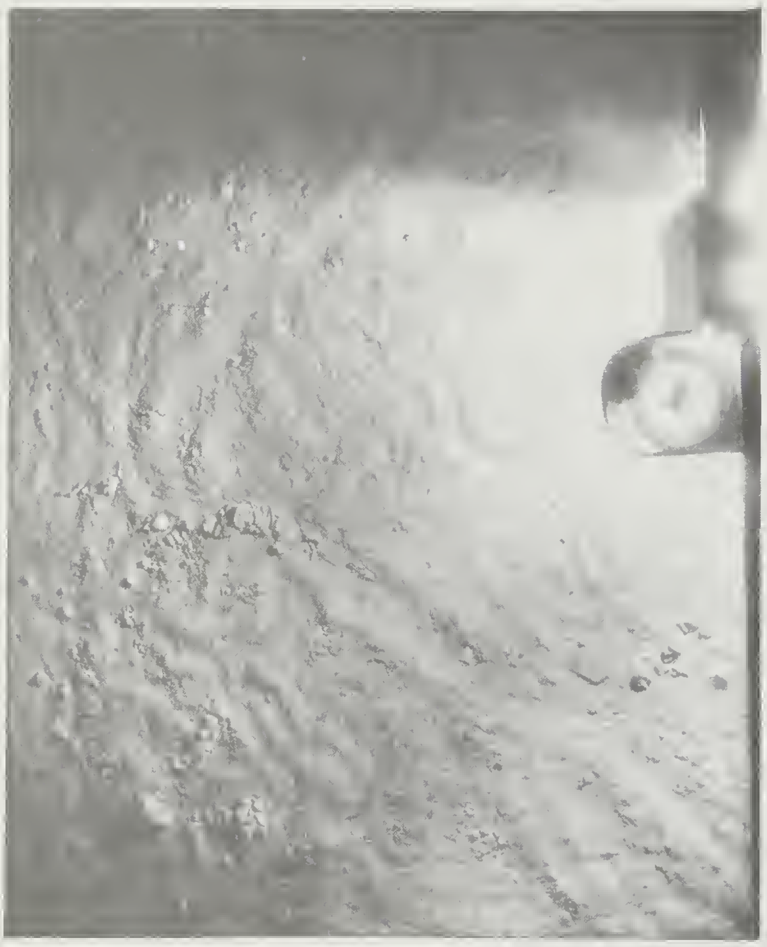
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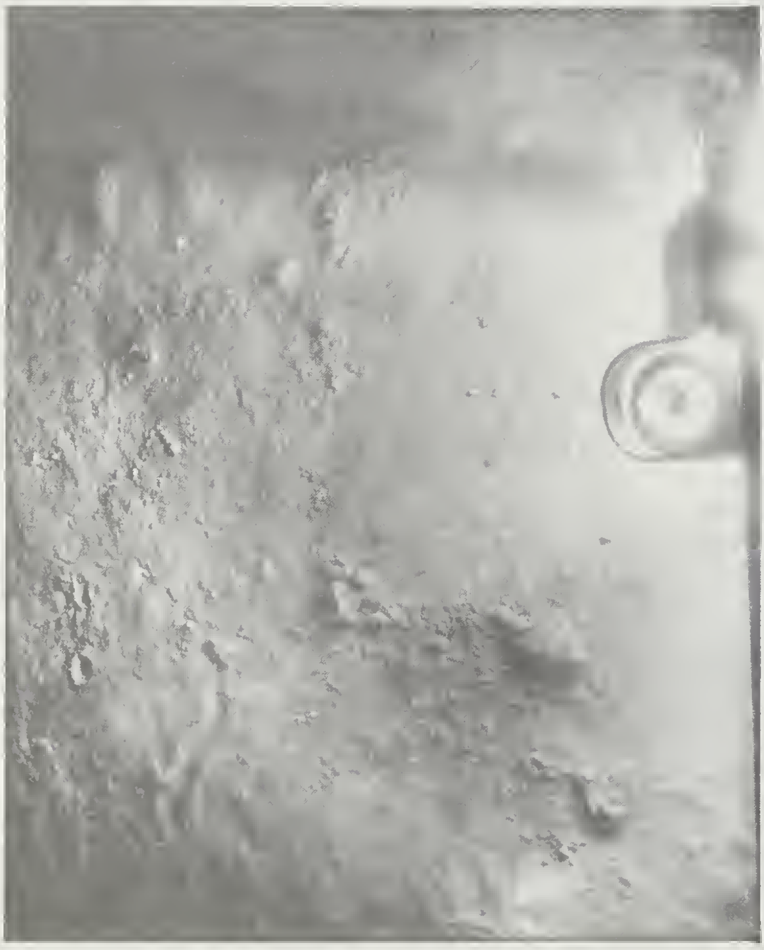
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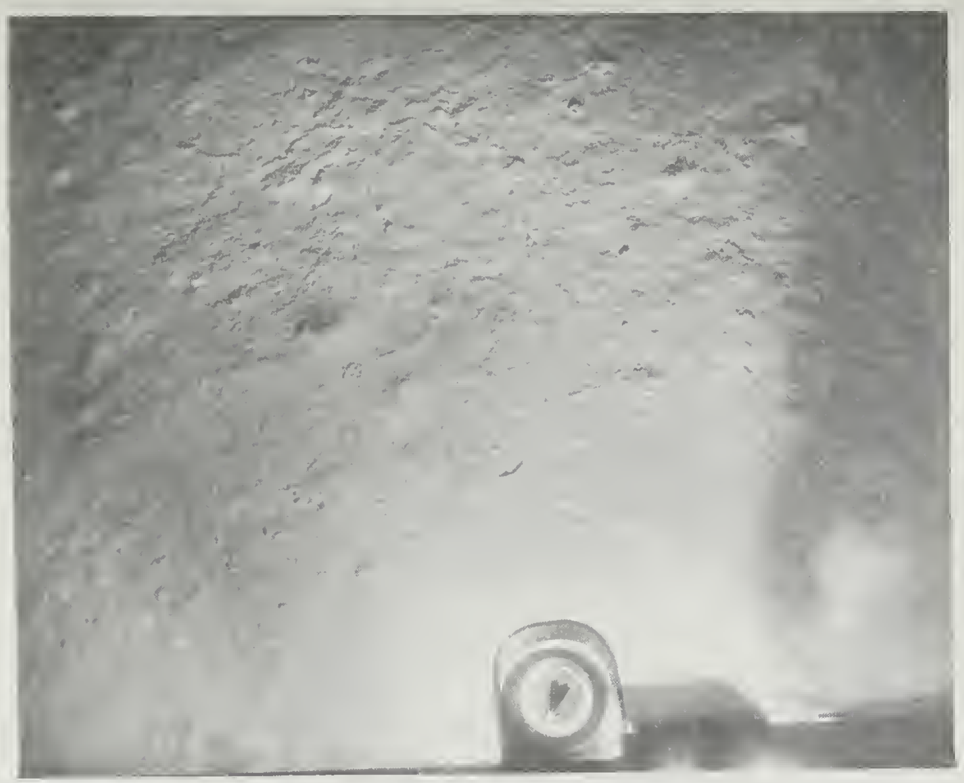

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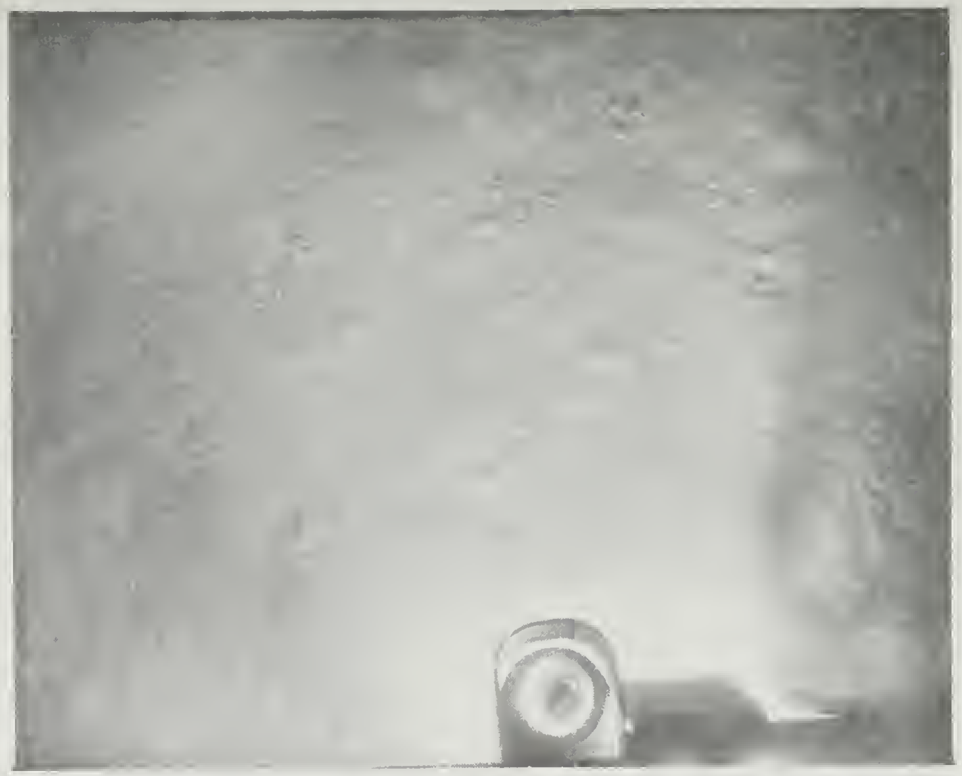
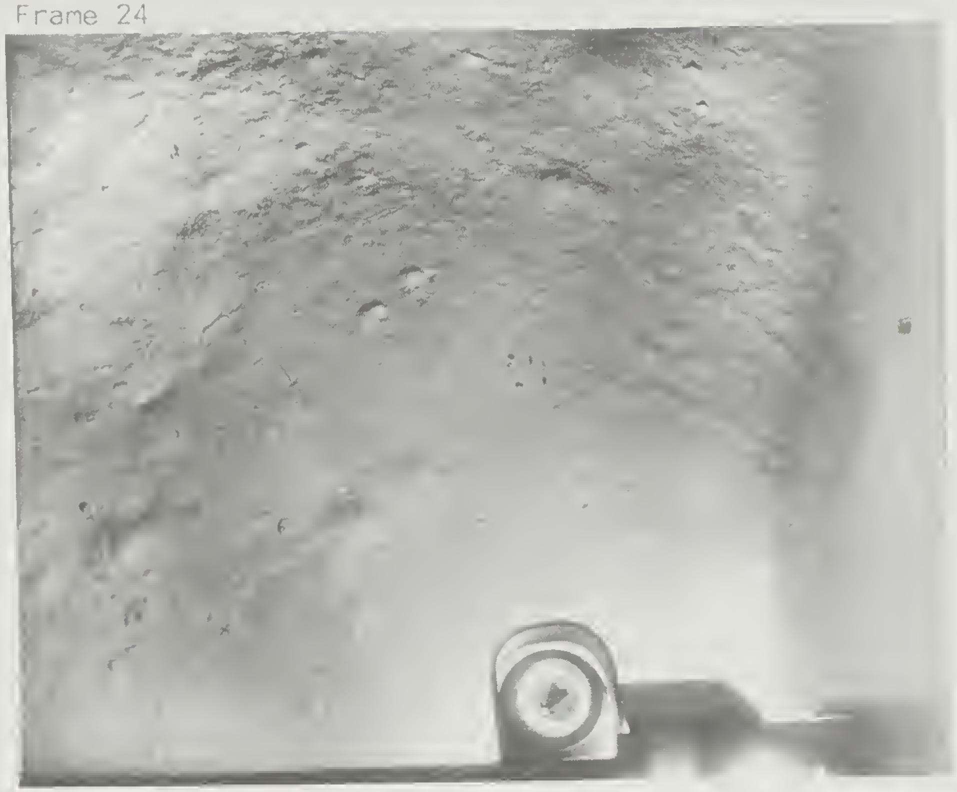


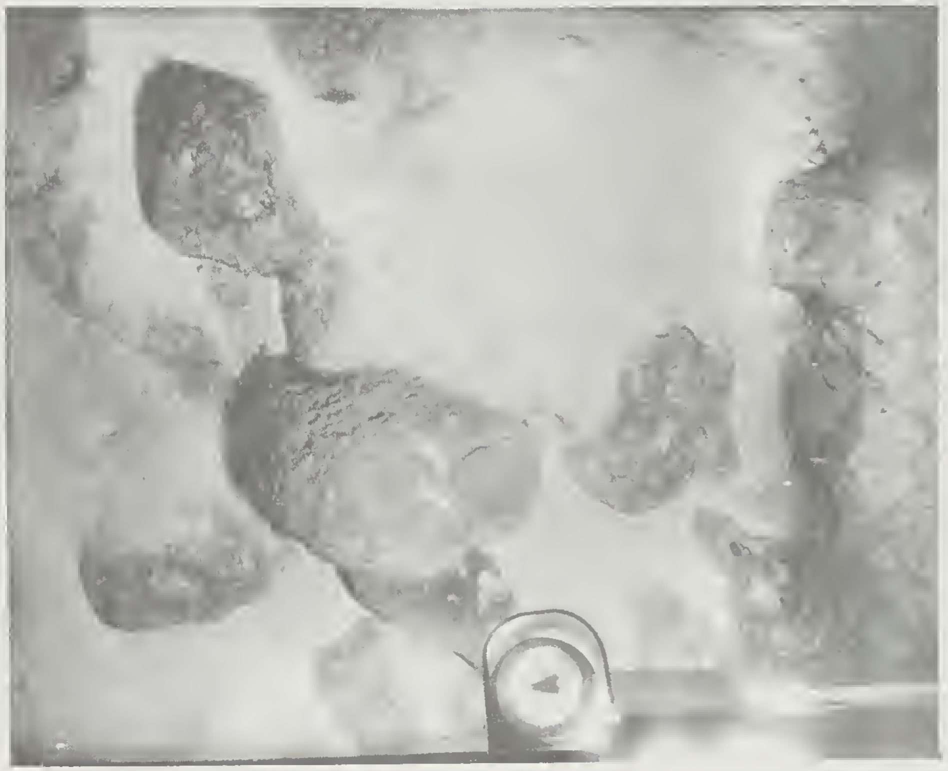
Frame 13

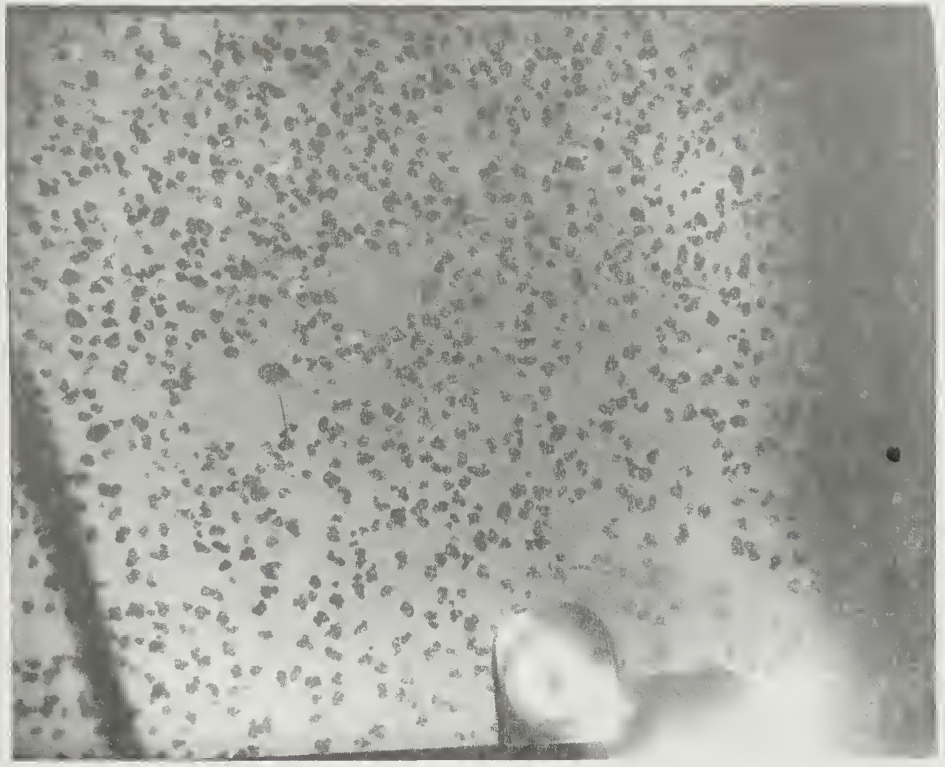
Cruise 43 Ship Sta 10 Camera Sta 7 2452 Meters

Frame 24



Frame 26





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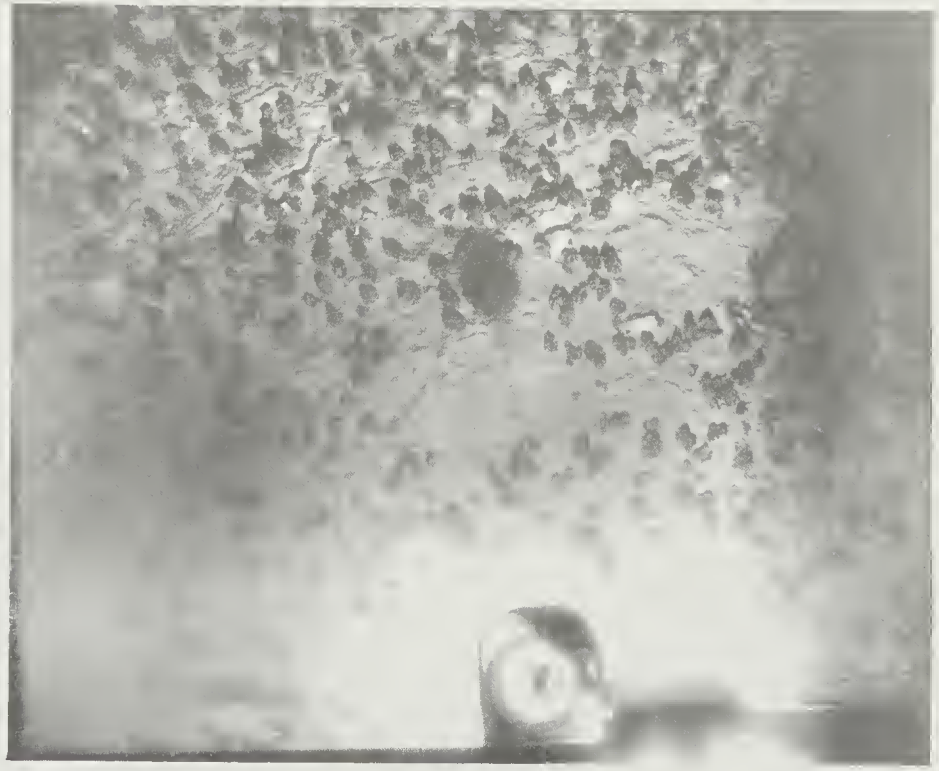
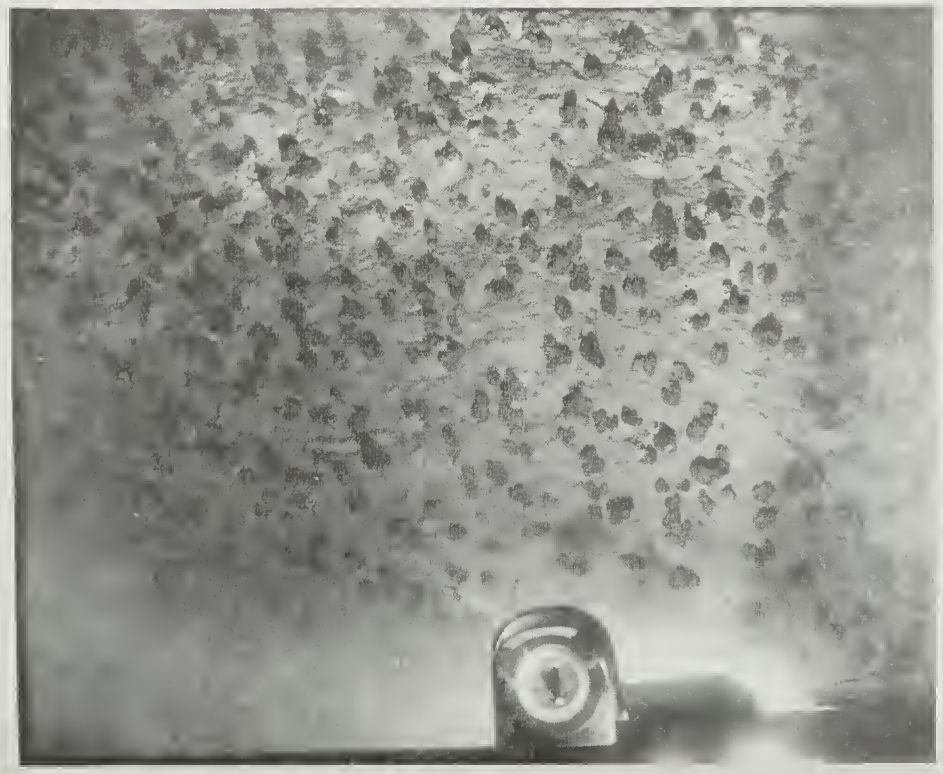


Frame 25

Cruise 43 Snip Sta 11 Camera Sta 8 4419 Meters

Frame 35



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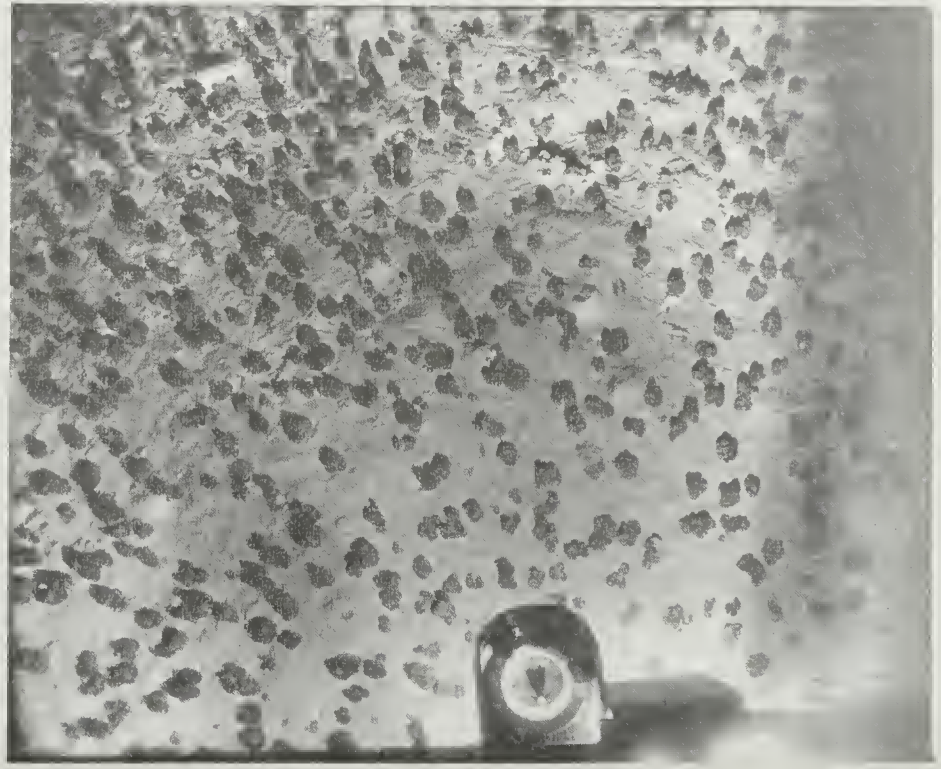

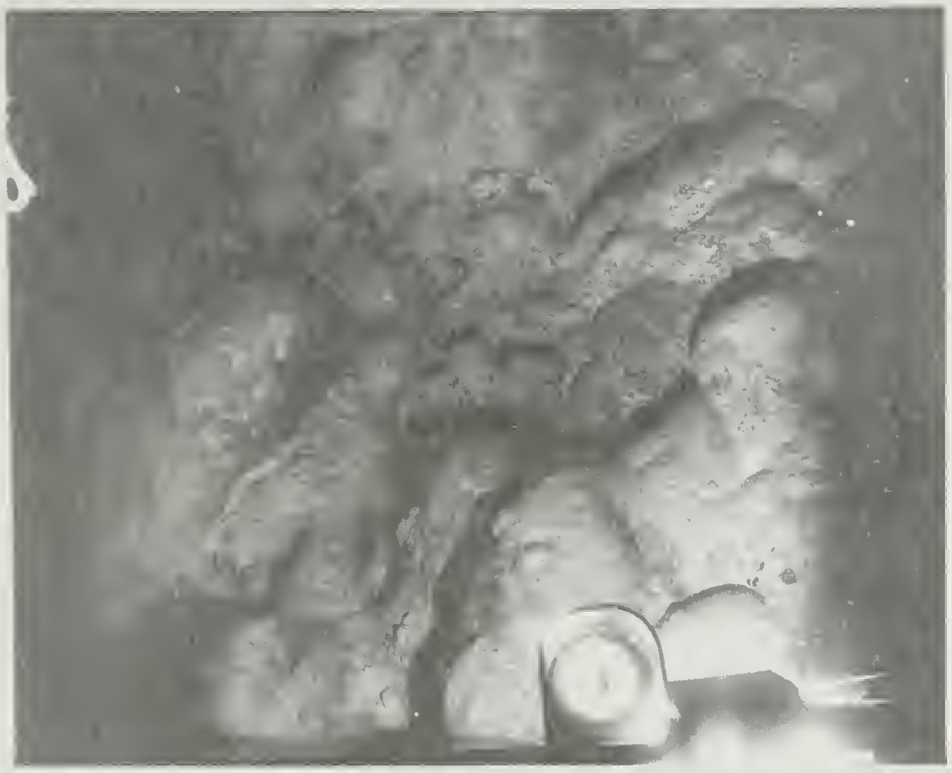

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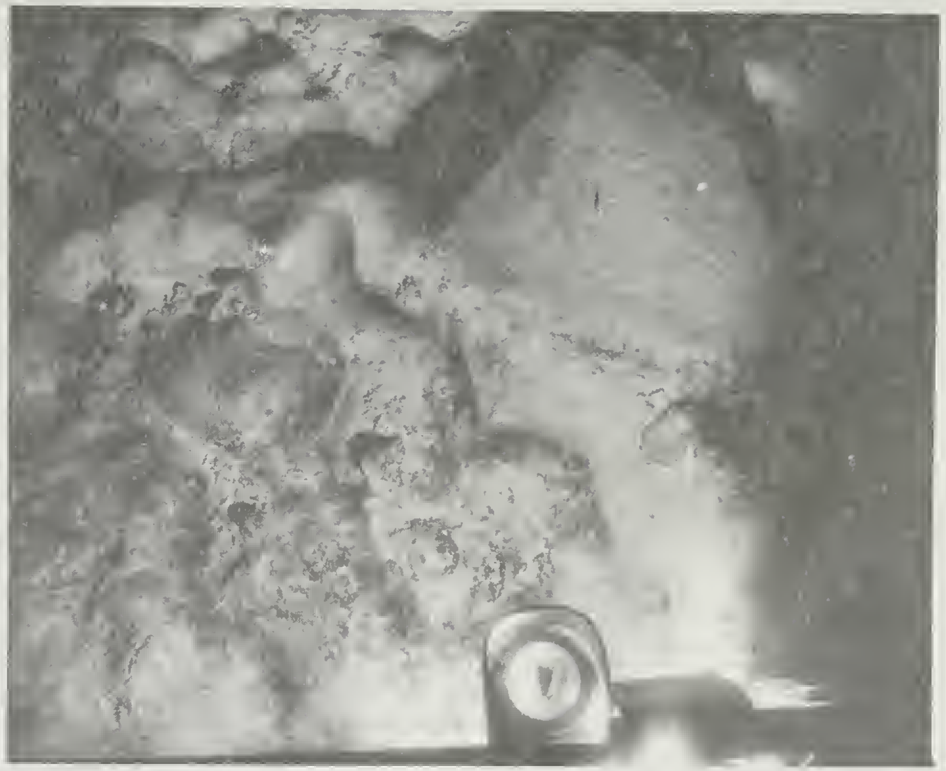
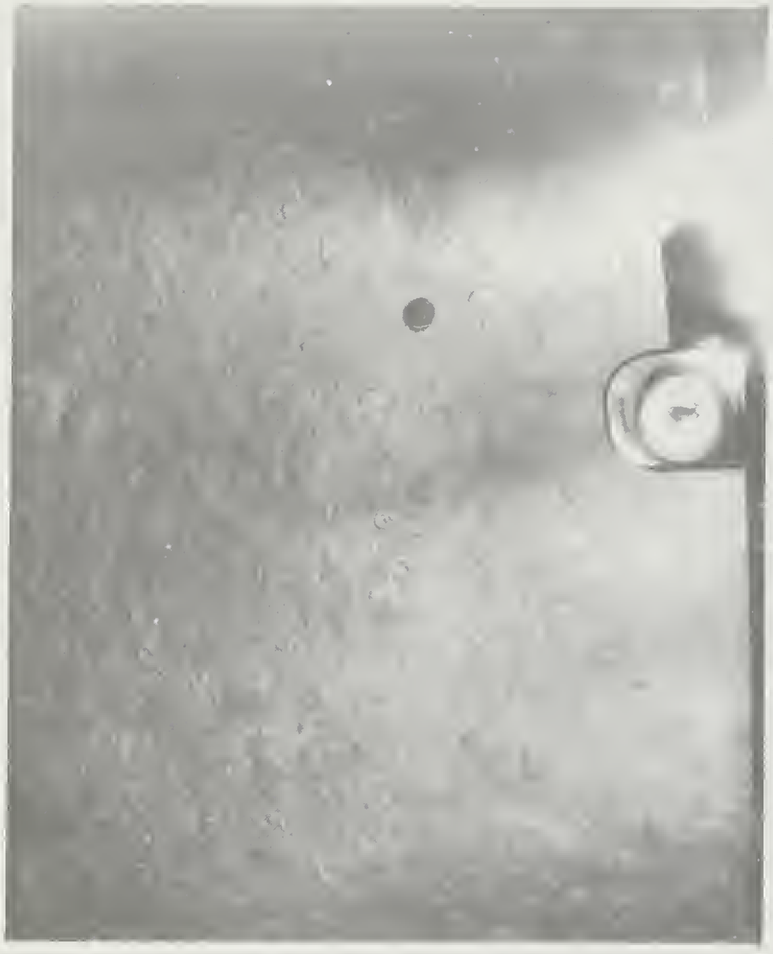


Frame 28

Cruise 43 Ship Sta 12 Camera Sta 9 5086 Meters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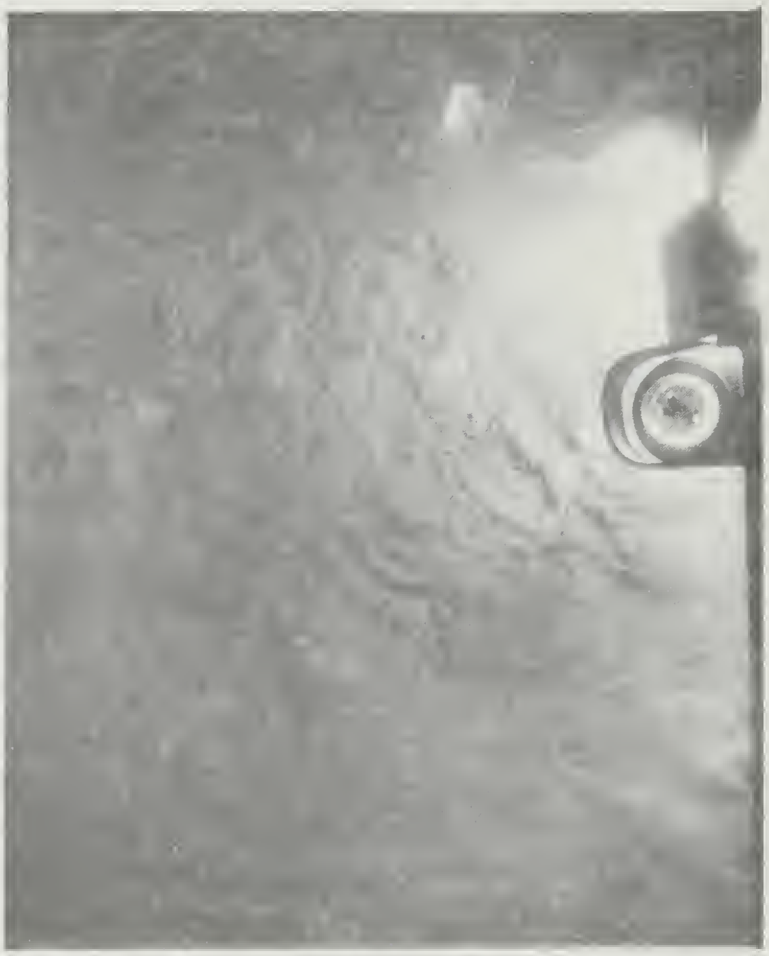
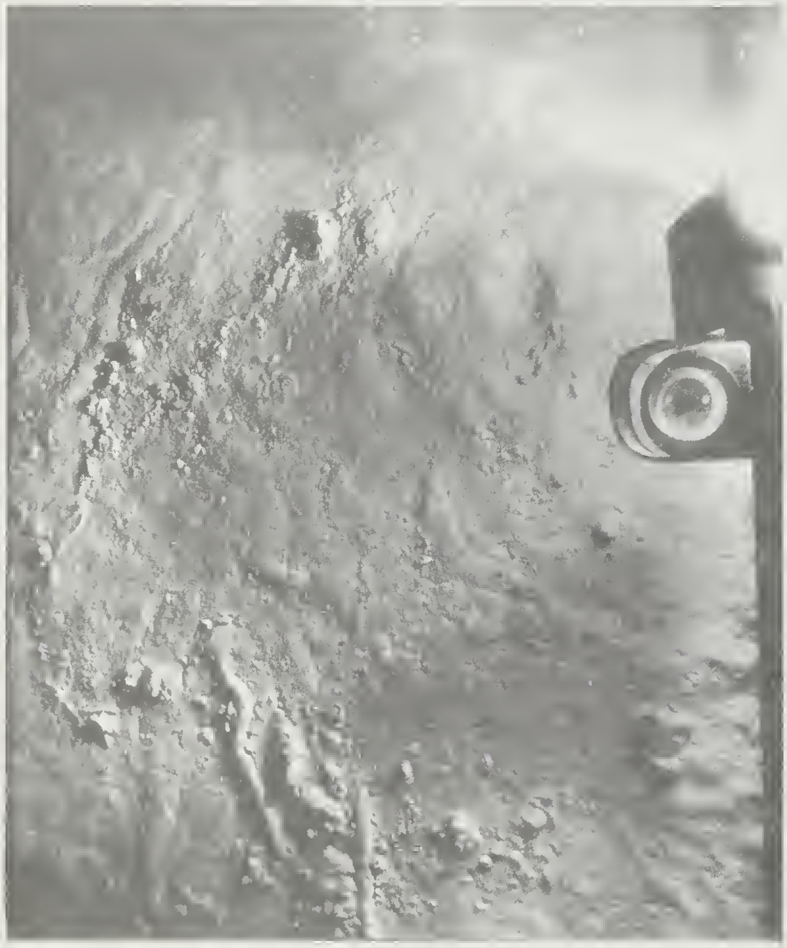

Frame 4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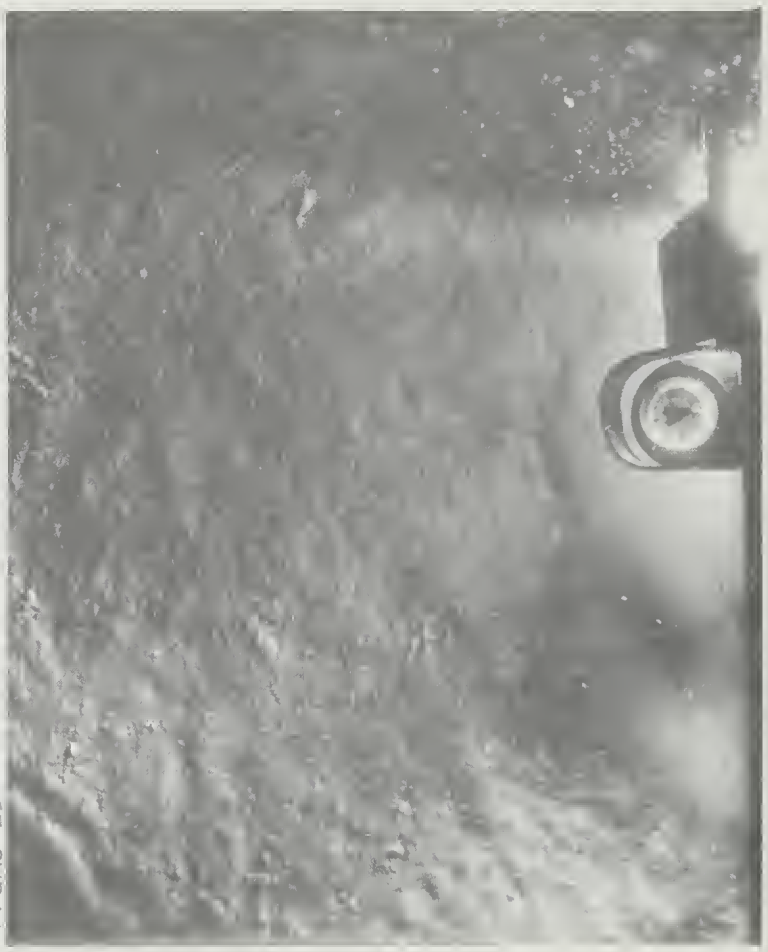
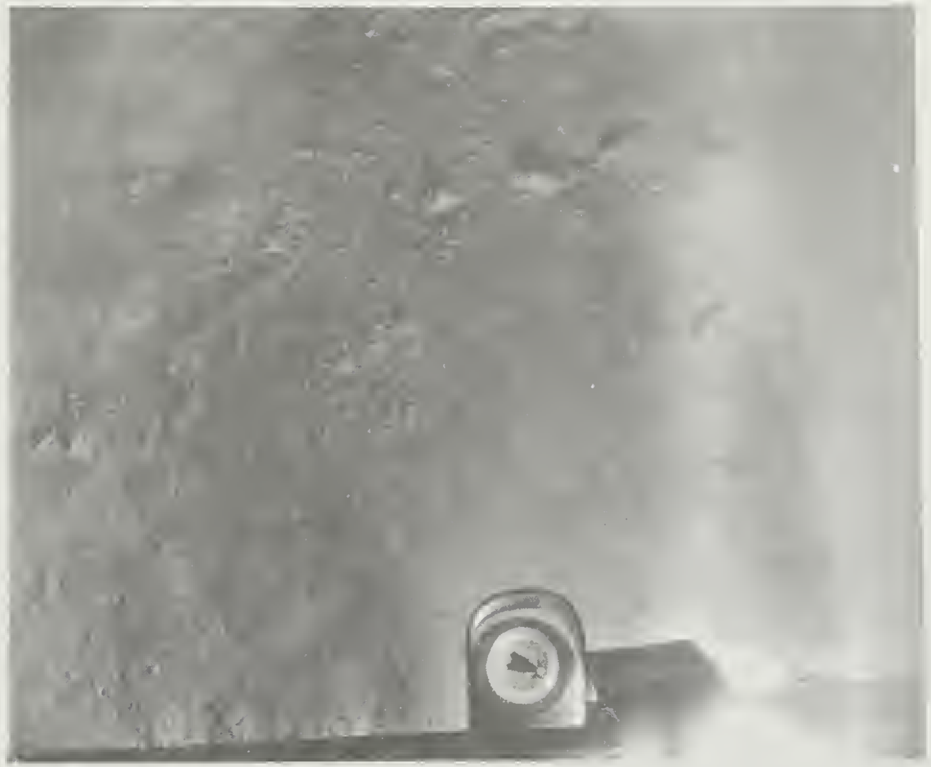

Frame 25

Cruise 43 Ship Sta 14 Camera Sta 10 3702 Meters

Camera lying on its side

Frame 45

Cruise 43 Ship Sta 14 Camera Sta 10 3702 Meters

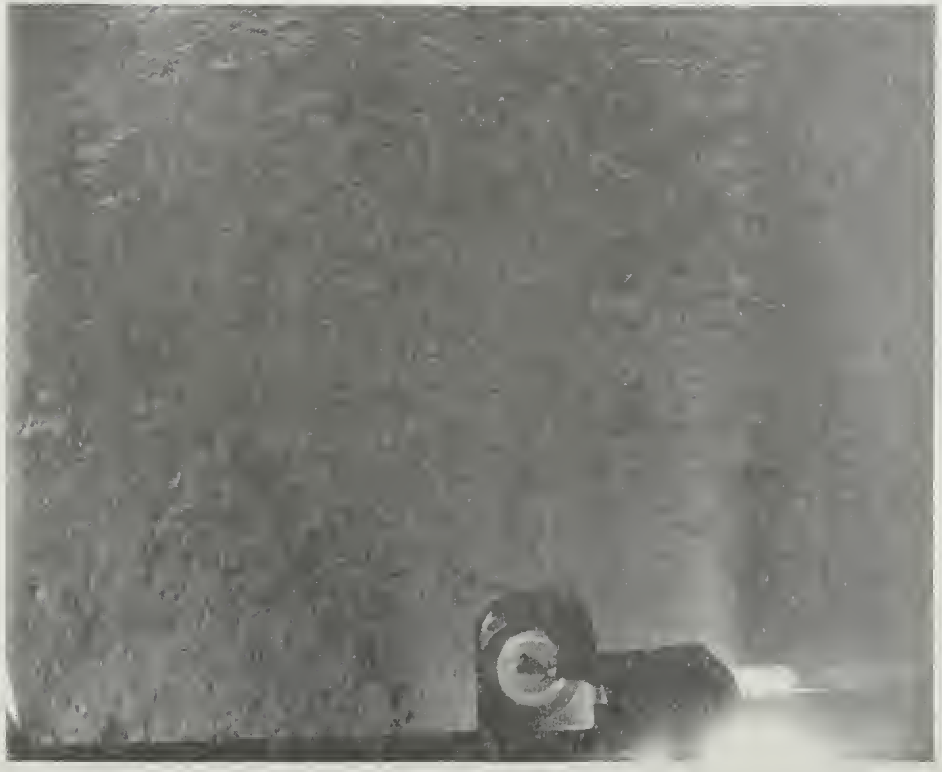


Frame 6

Frame 13

Cruise 43 Ship Sta 15 Camera Sta 11 5283 Meters

Frame 28



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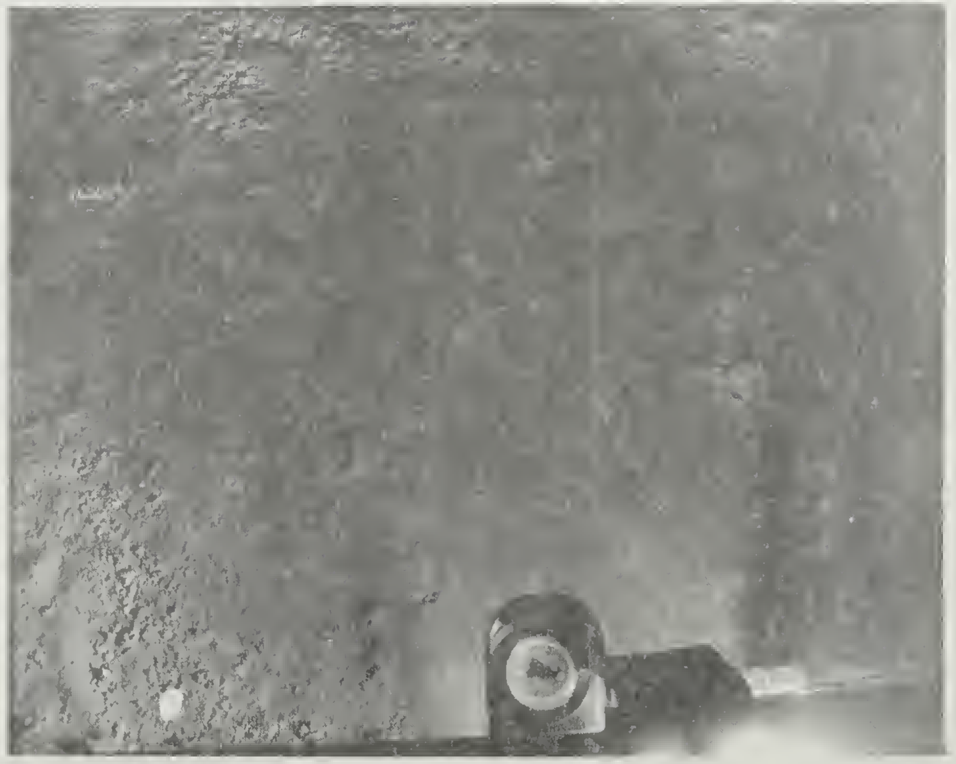

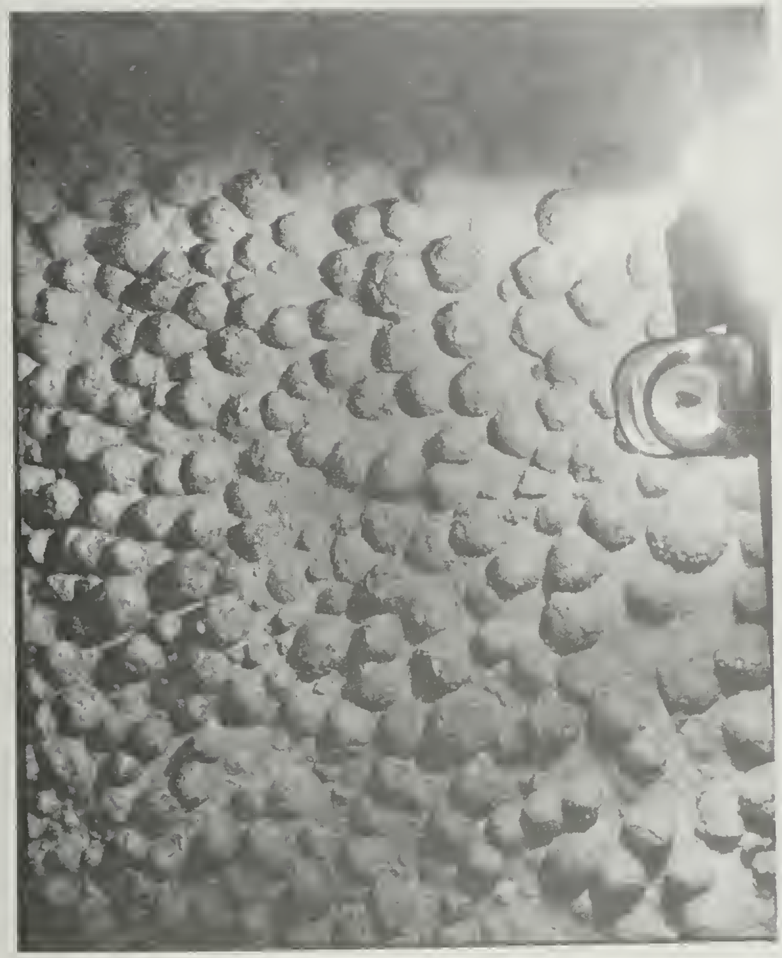
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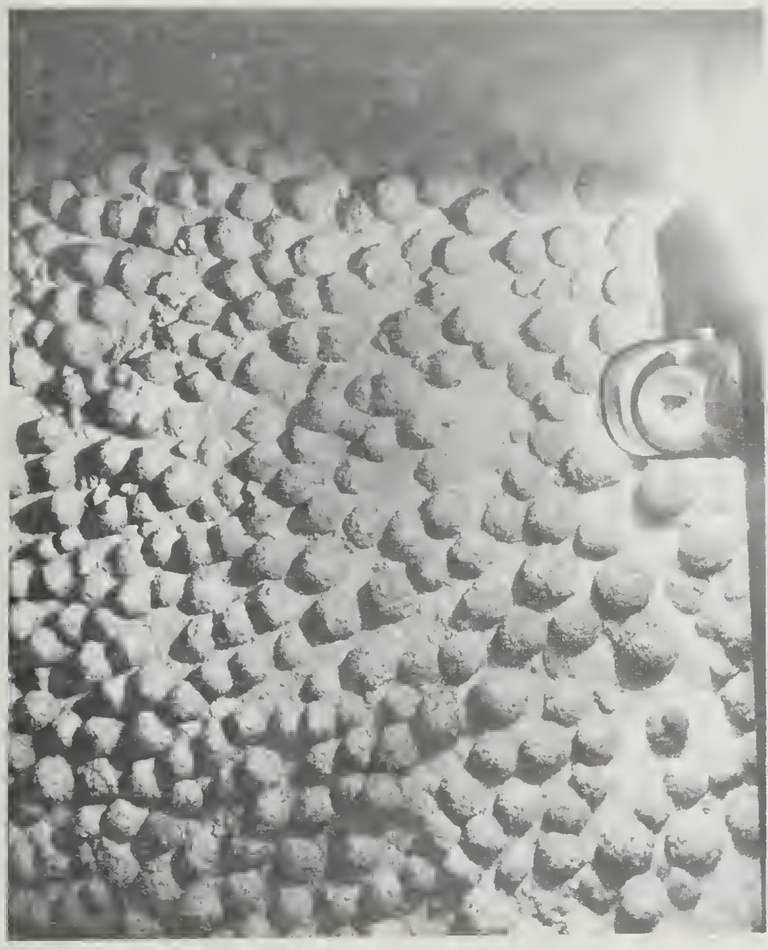
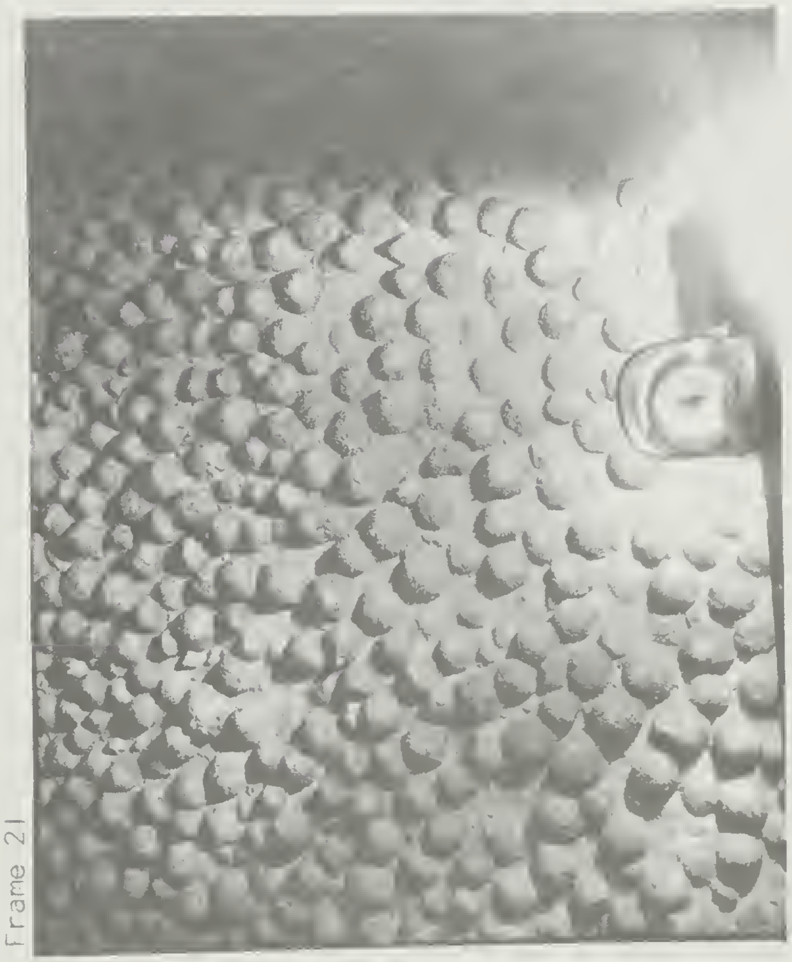

Frame 15

Cruise 43 Ship Sta 16 Camera Sta 12 4585 Meters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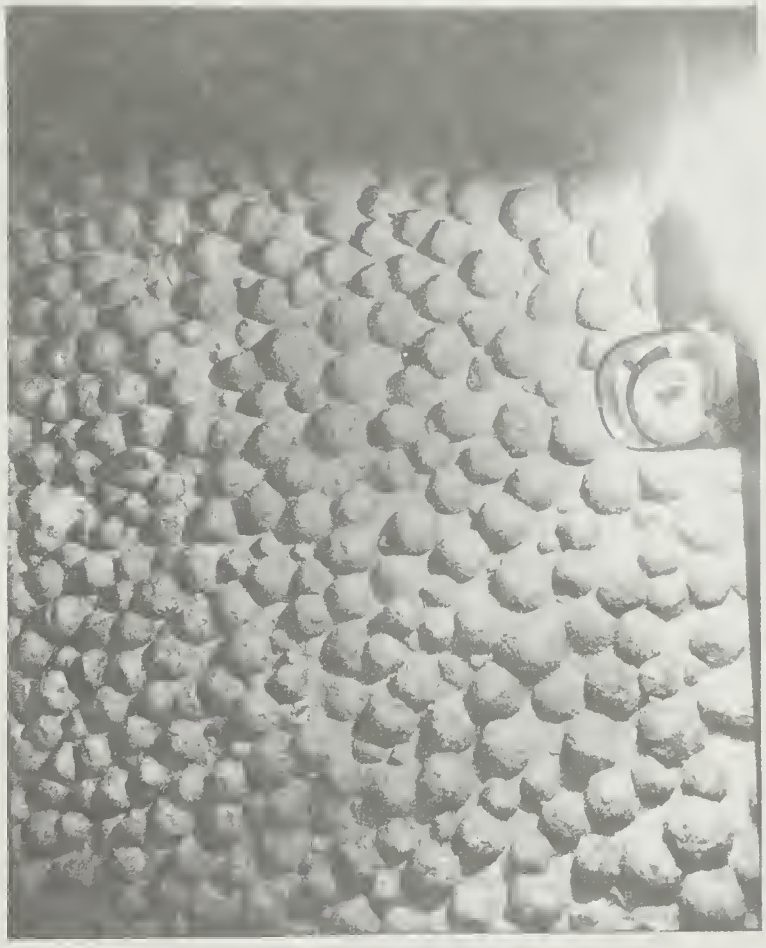
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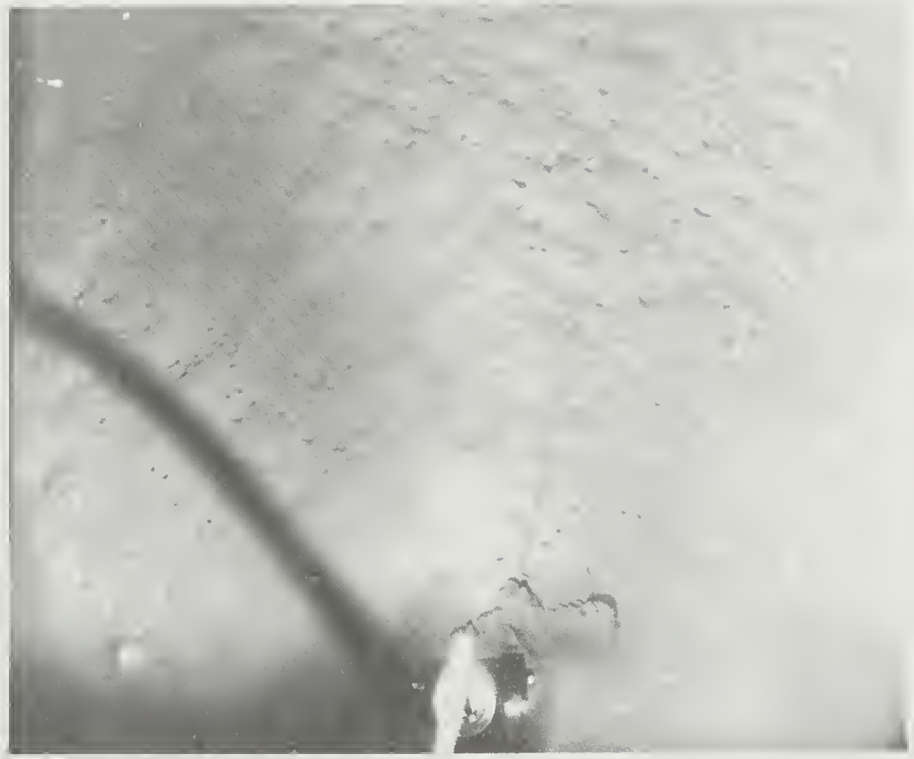
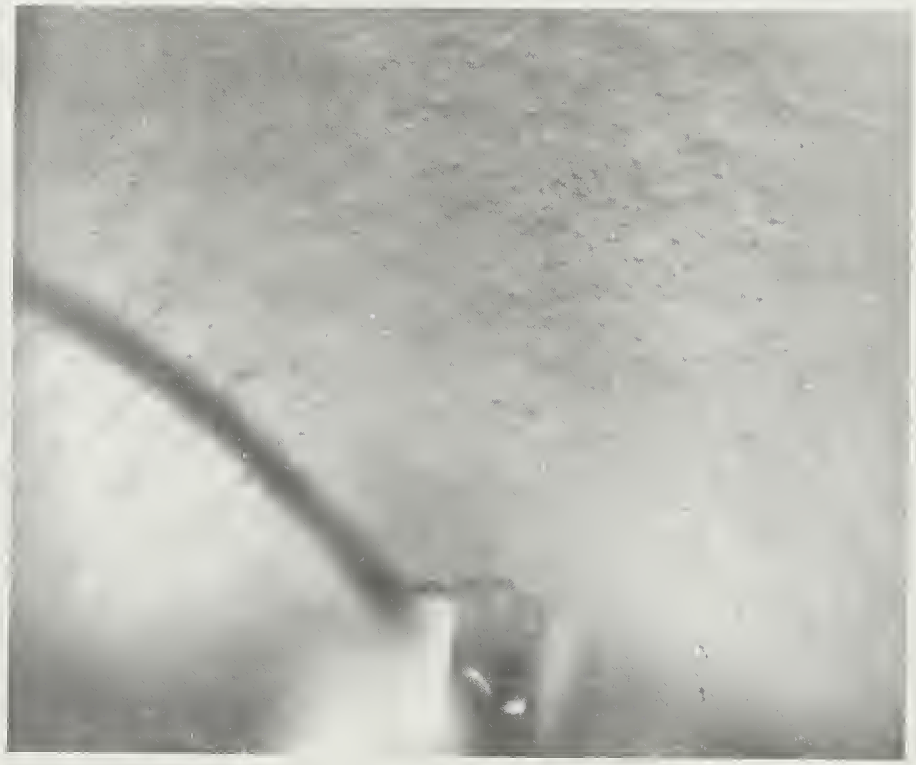


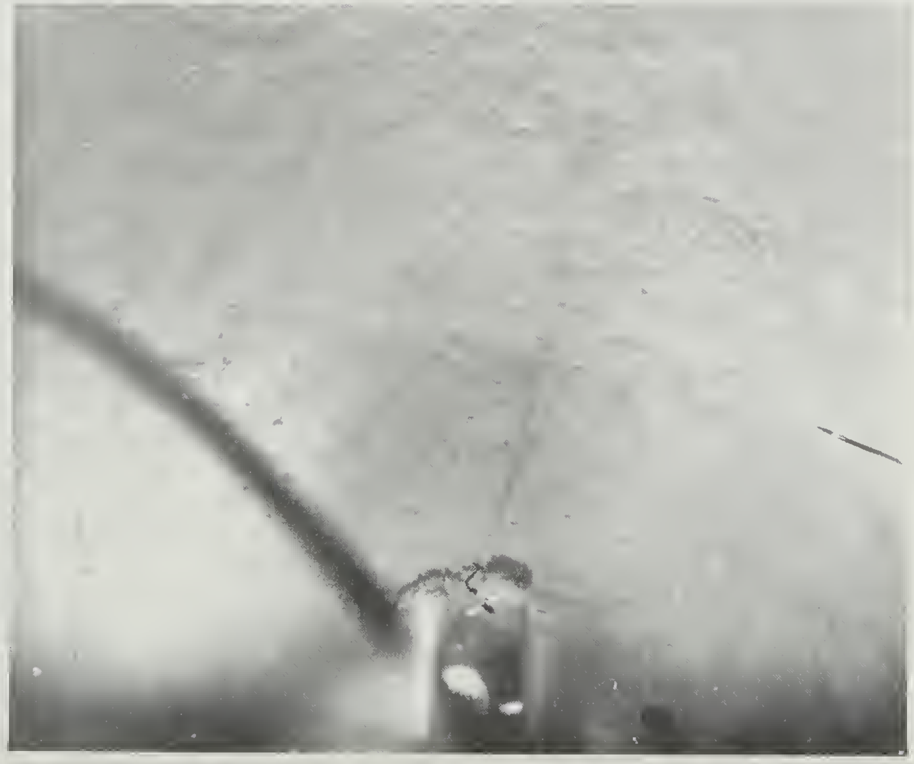
Frame 1

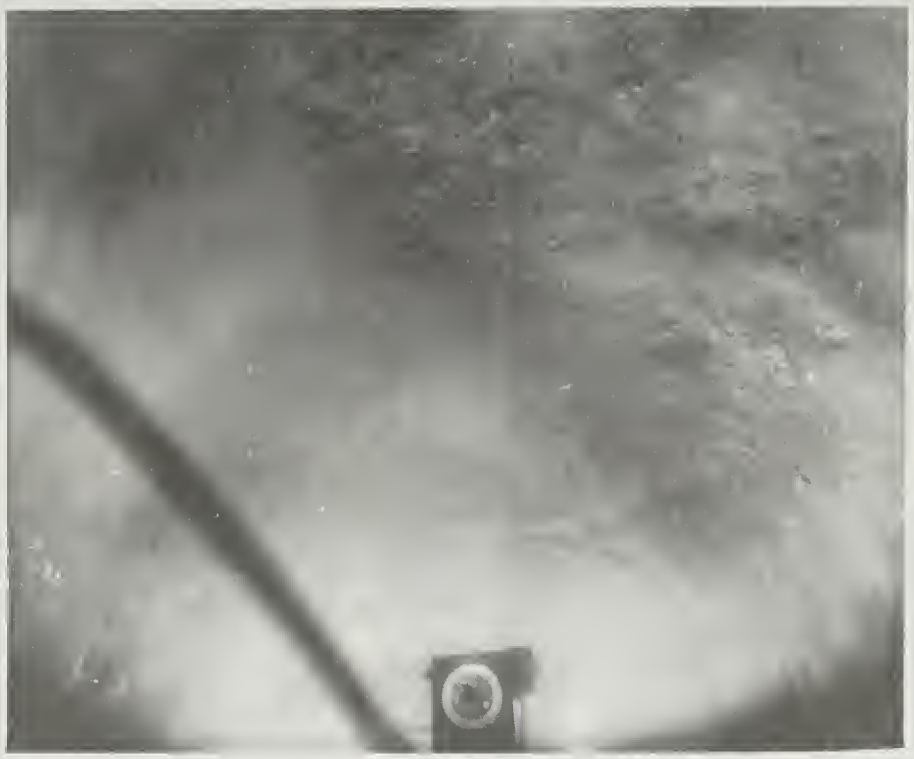


Frame 5

Cruise 44 Ship Sta 2 Camera Sta 2 4665 Meters

Frame 8

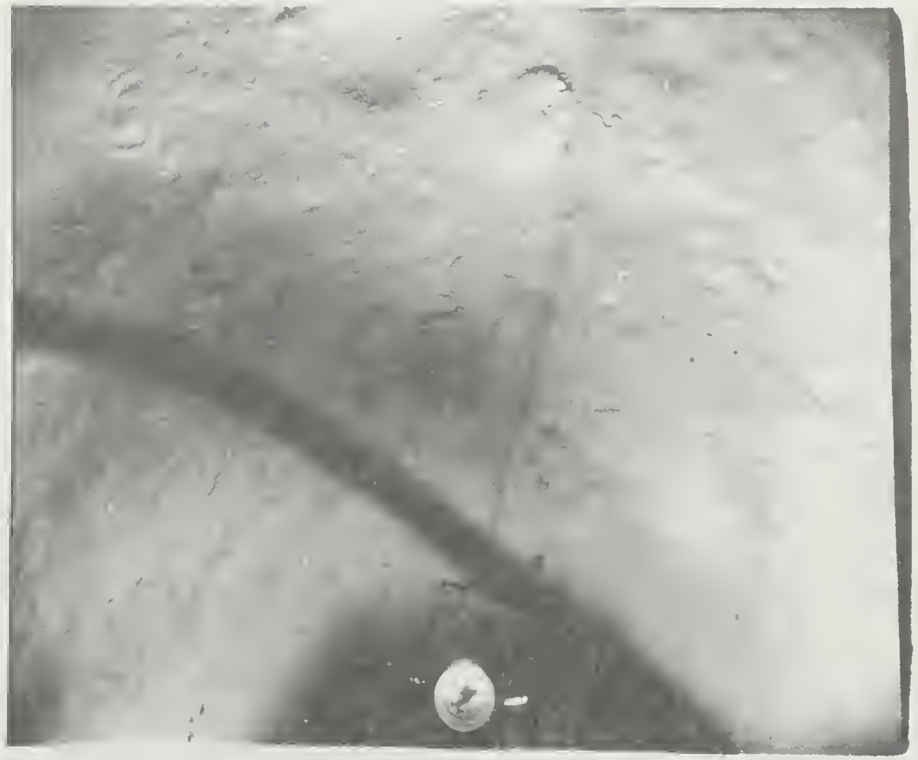




Frame 1

Cruise 44 Ship Sta 3 Camera Sta 3 5389 Meters

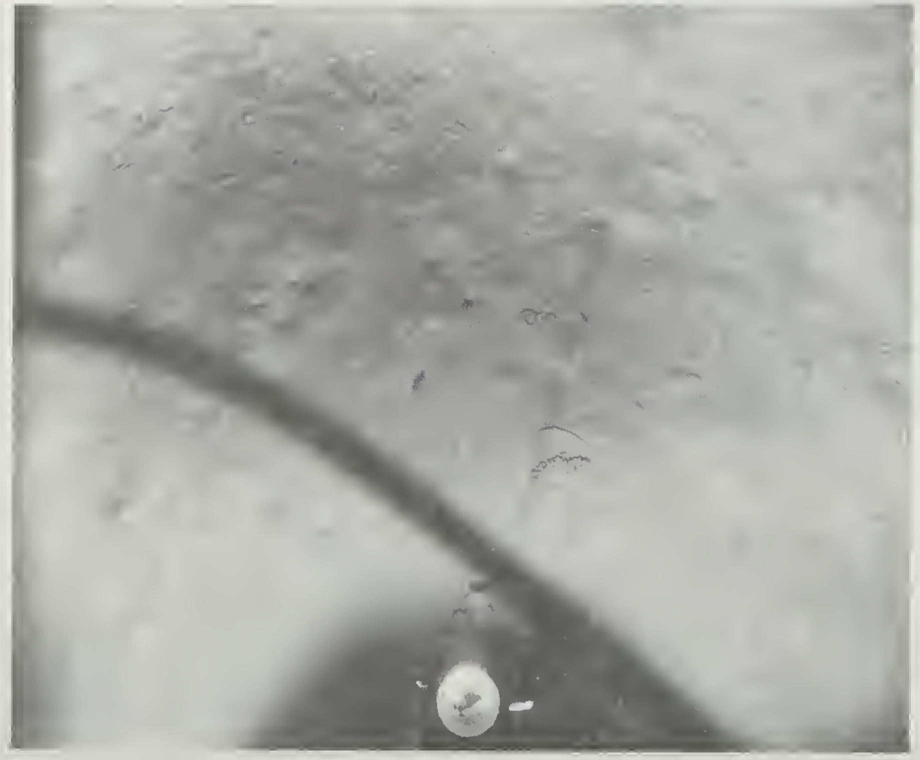
Frame 3



Frame 5

Cruise 44 Ship Sta 5 Camera Sta 5 3257 Meters

Frame 6



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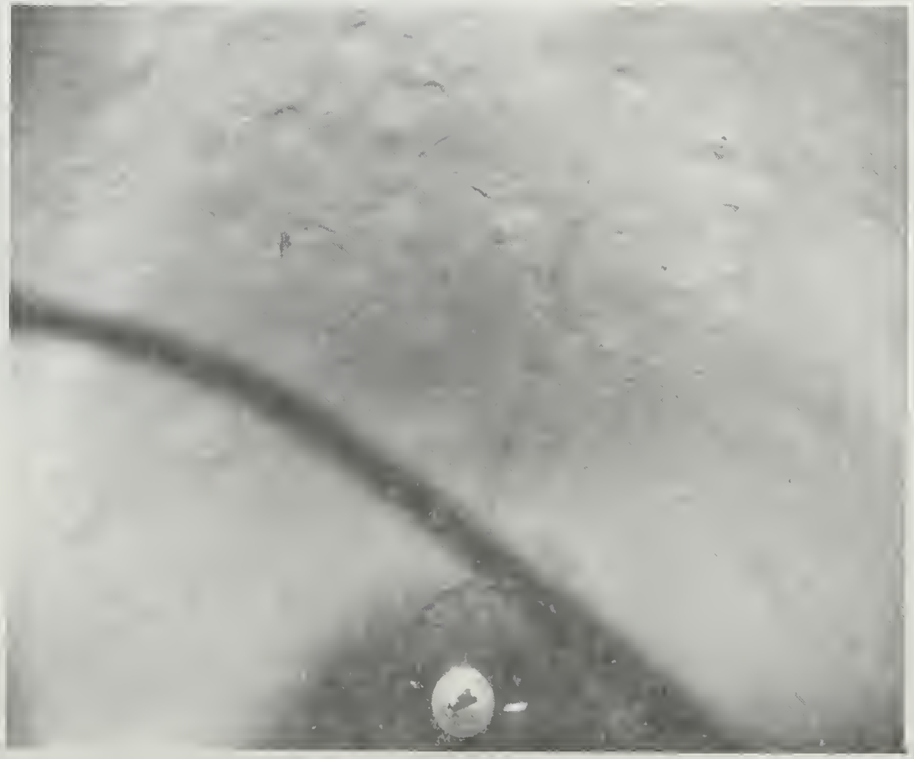
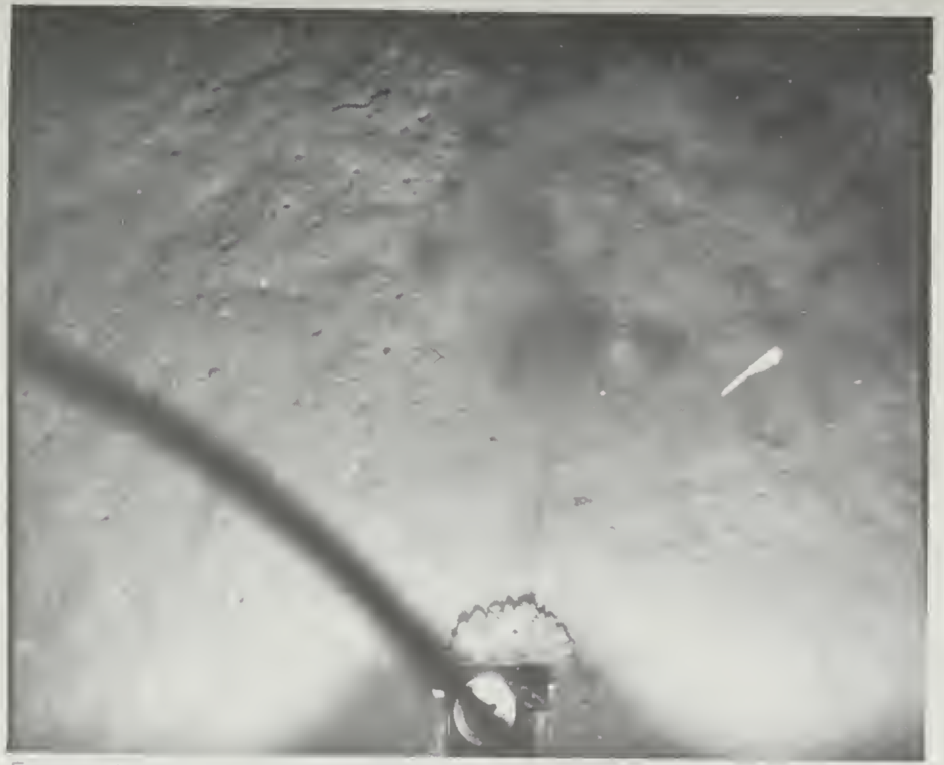
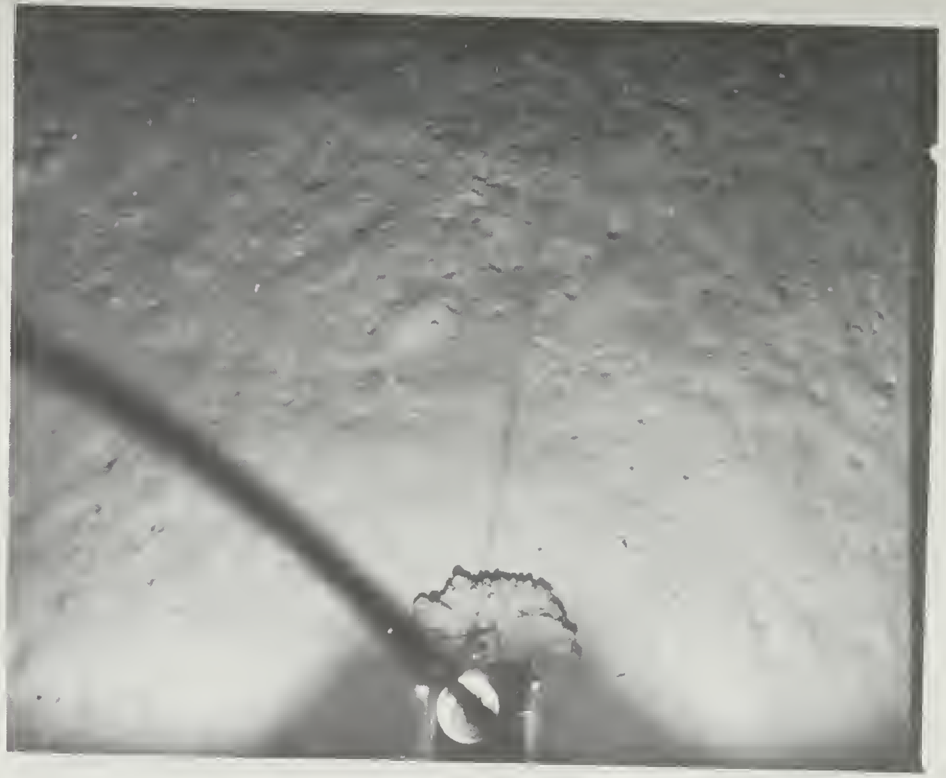




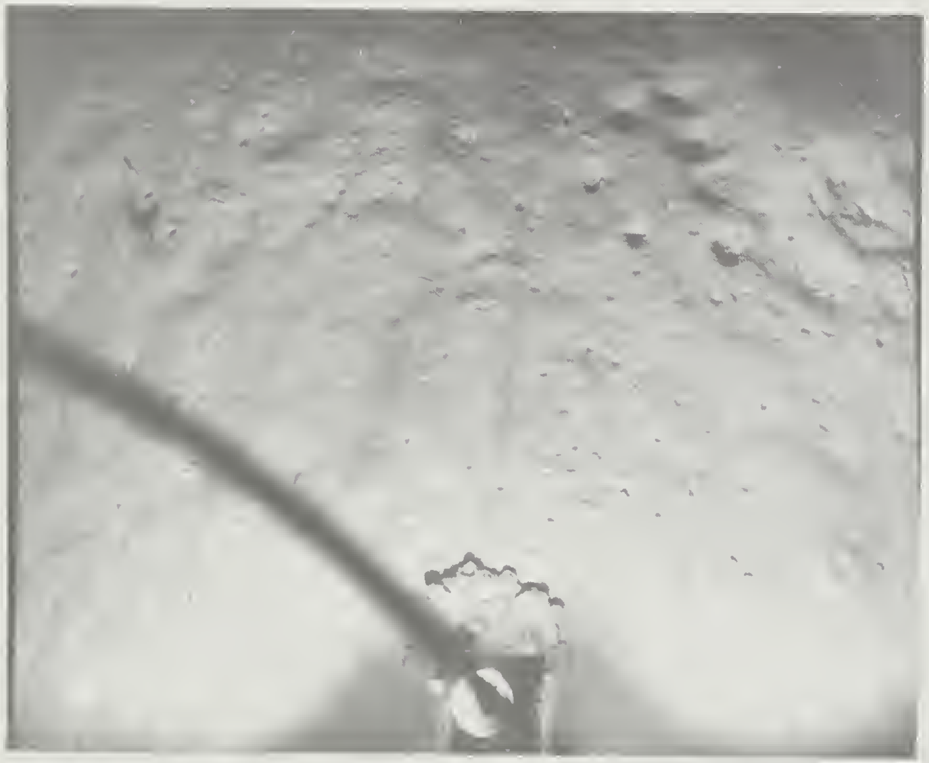
Frame 1



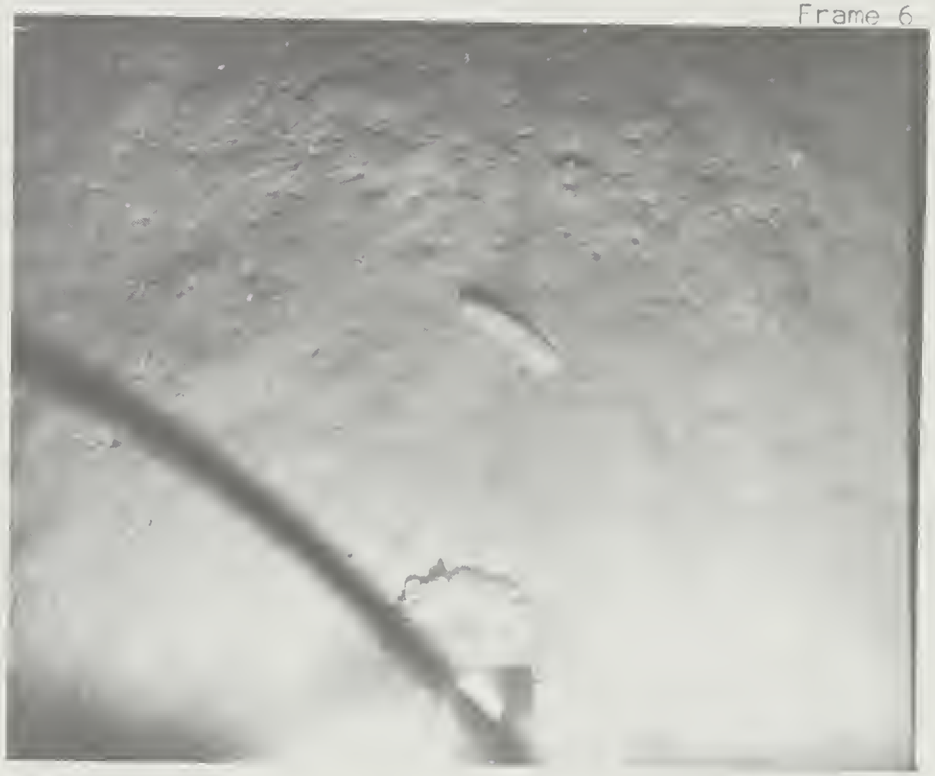
Frame 3

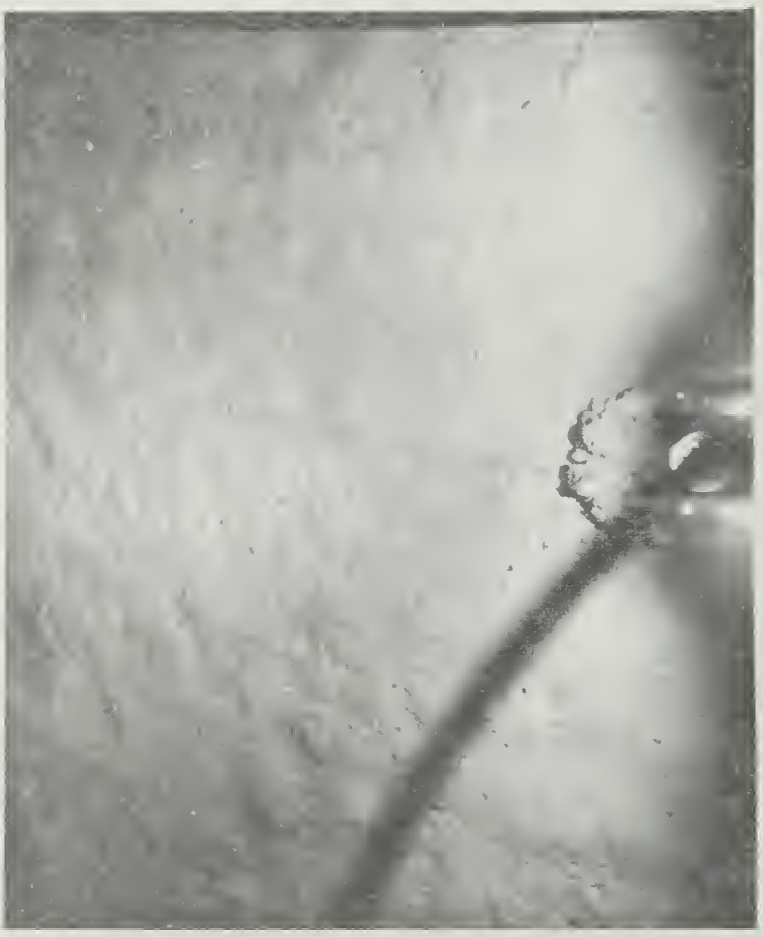
Cruise 44 Ship Sta 6 Camera Sta 6 4582 Meters

Frame 4

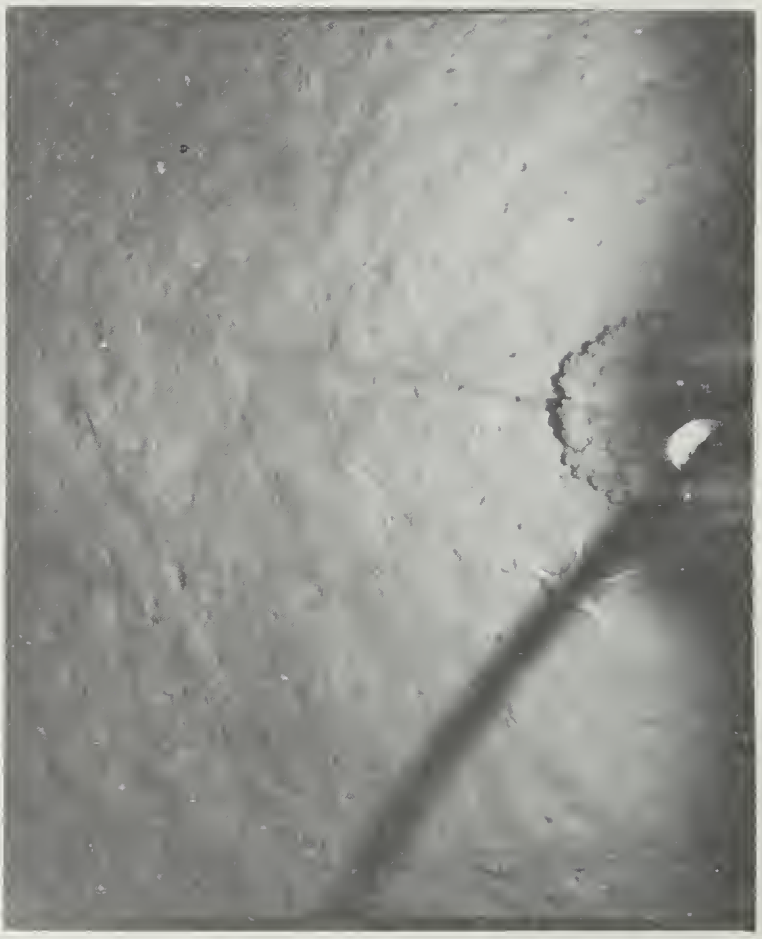


Frame 6



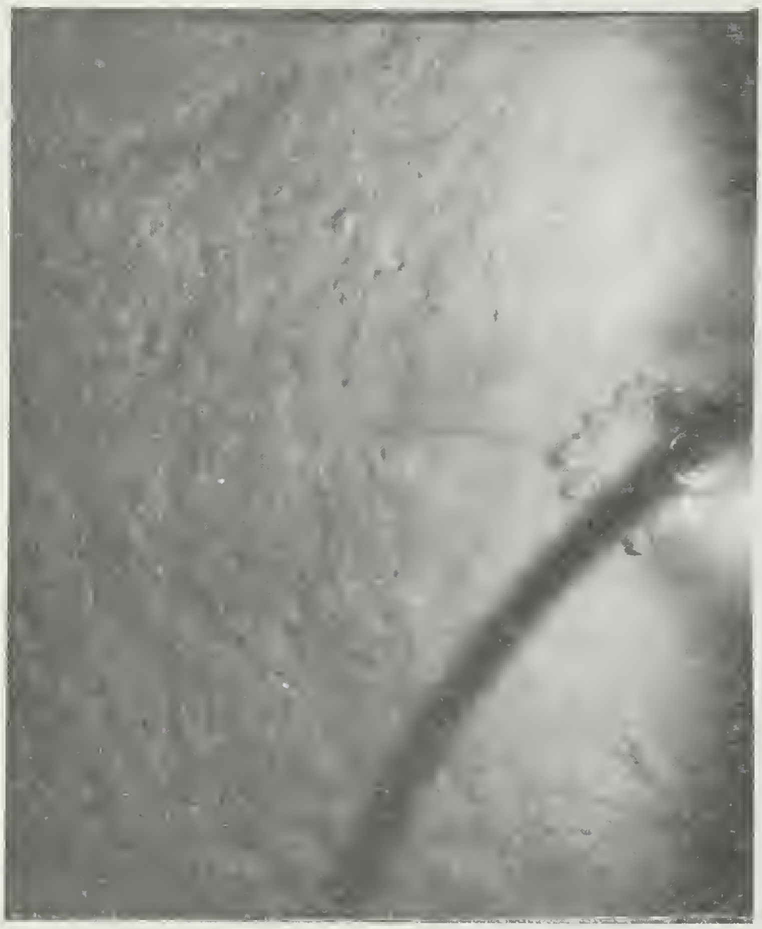


Frame 17



Frame 15

Cruise 44 Ship Sta 6 Camera Sta 6 4582 Meters



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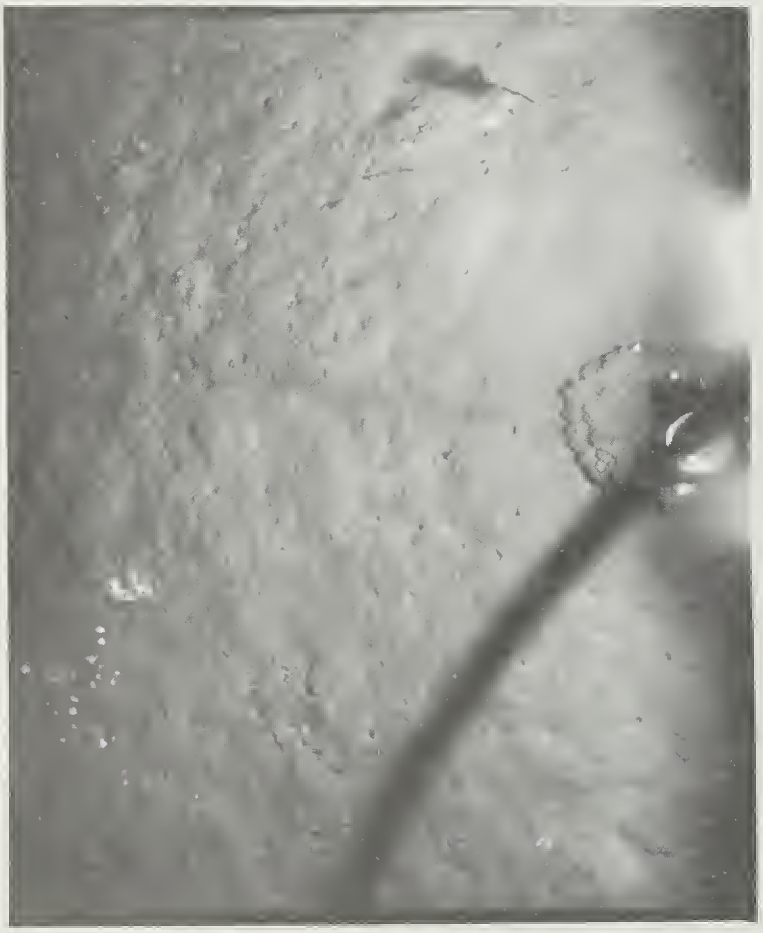
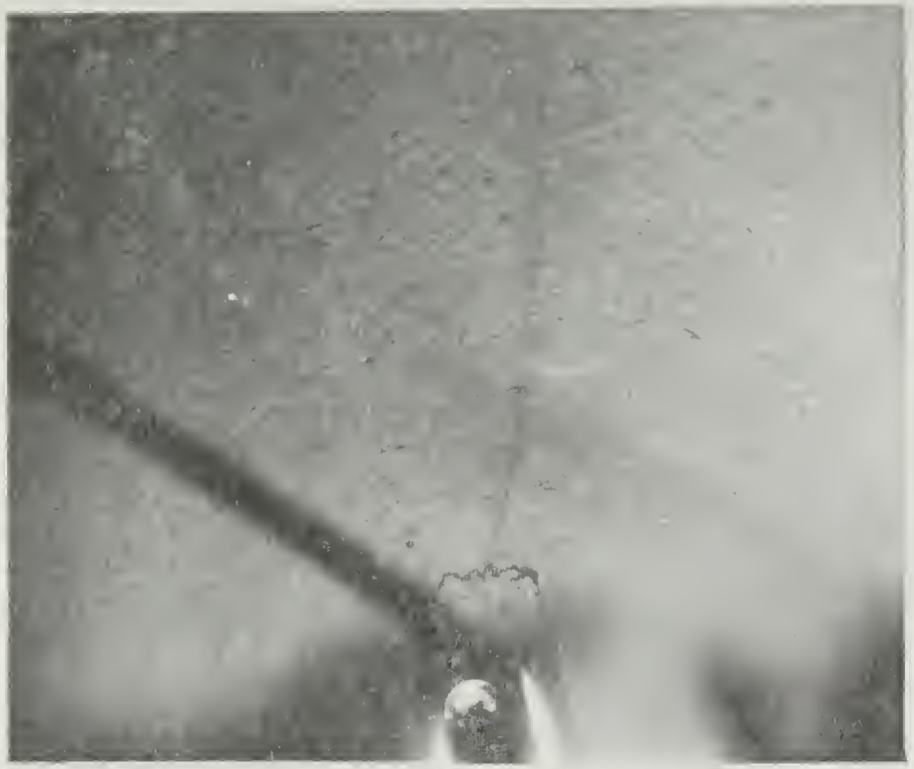
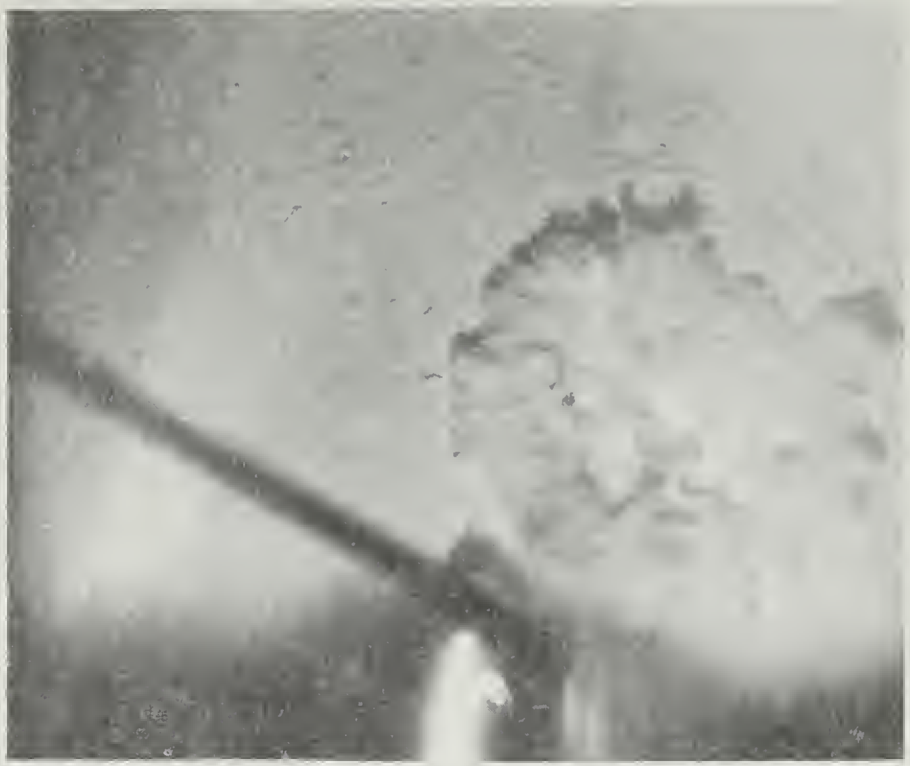


Frame 8



Frame 1

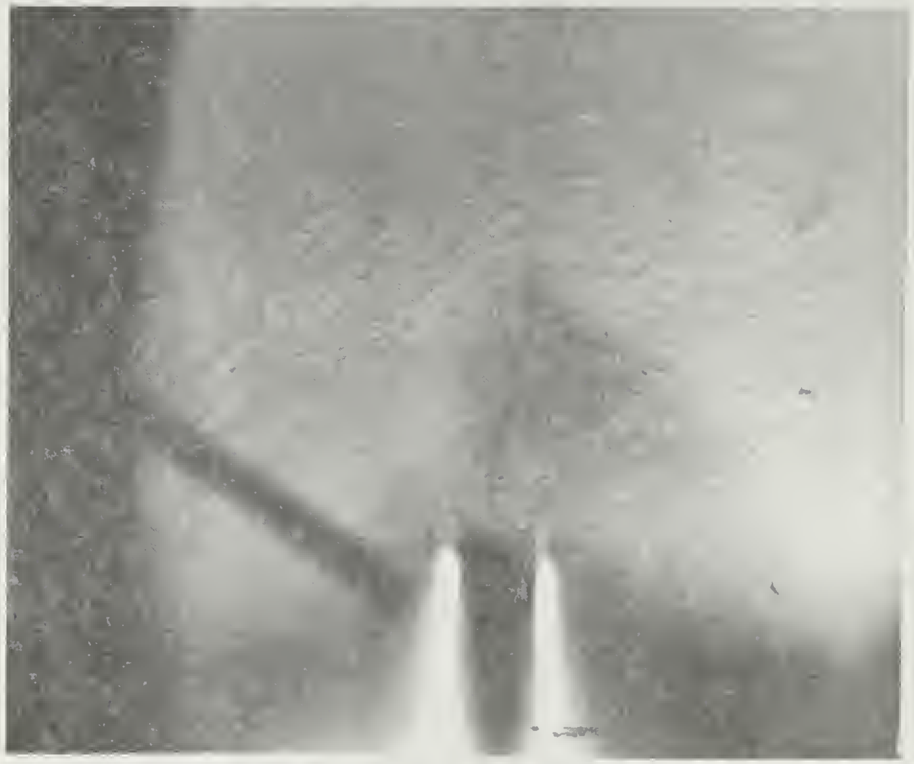


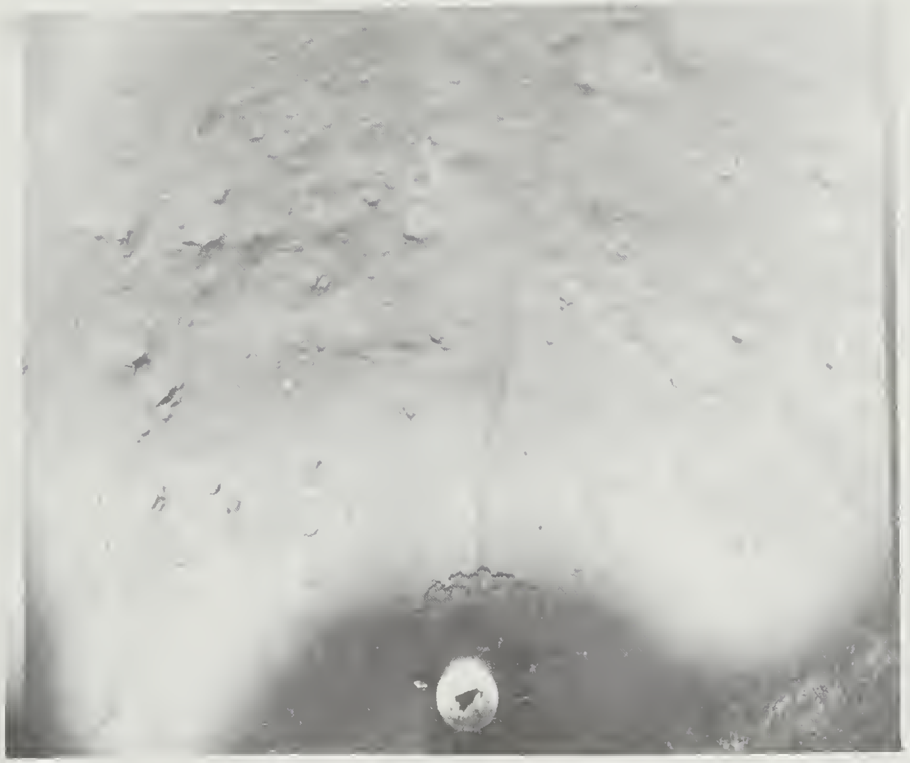
Frame 2

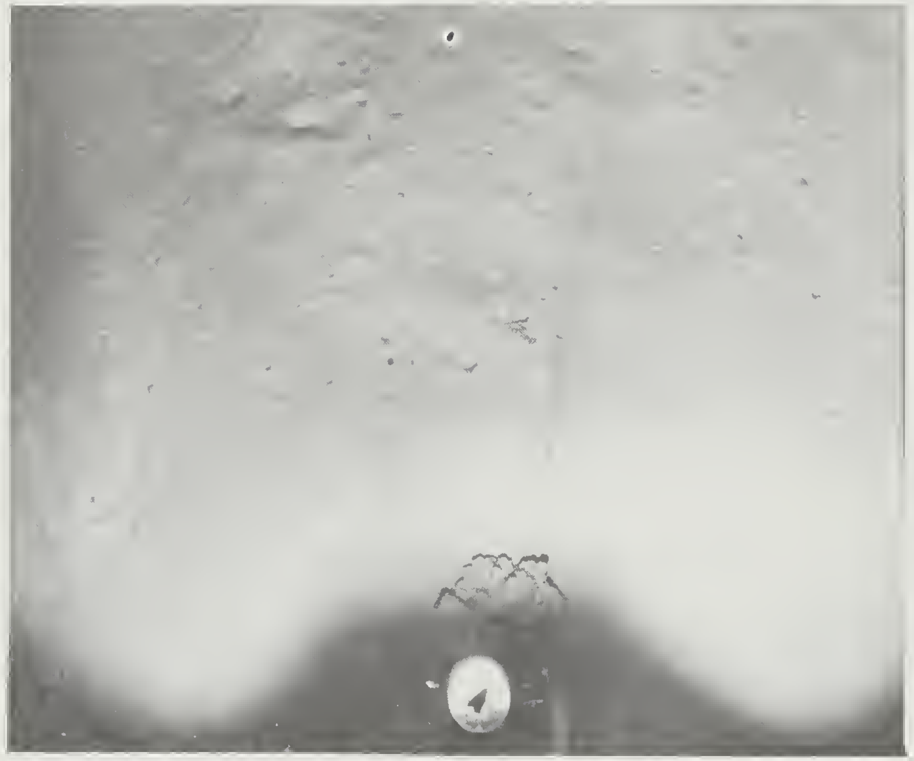
Cruise 44 Ship Sta 7 Camera Sta 7 5869 Meters

Frame 5

Frame 10

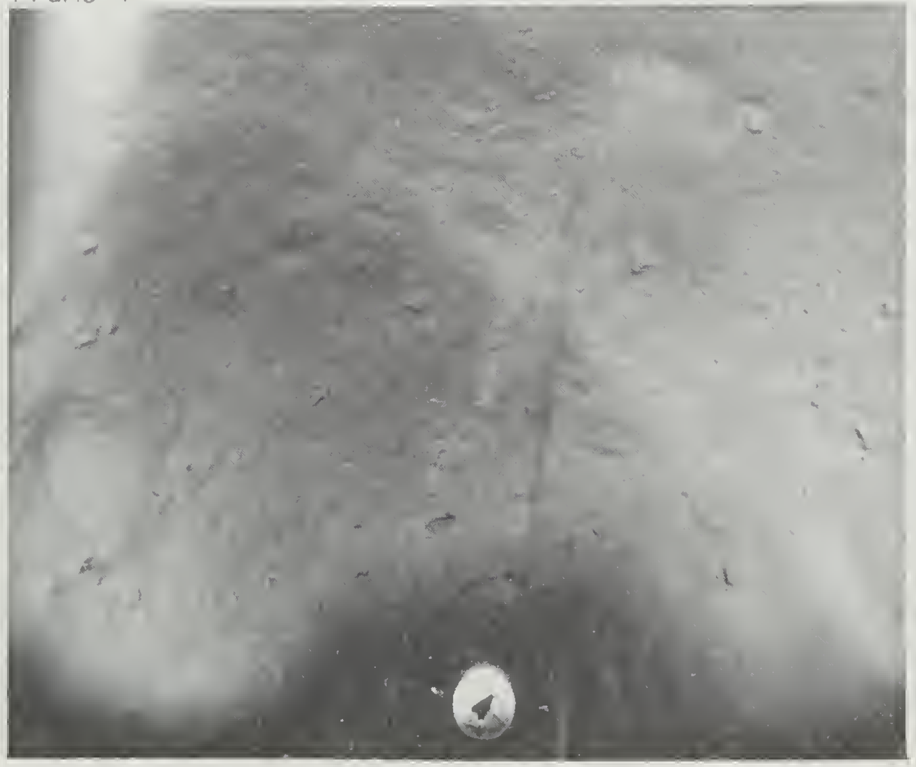



Frame 1


Frame 3

Cruise 44 Ship Sta 9 Camera Sta 9 3897 Meters

Frame 4



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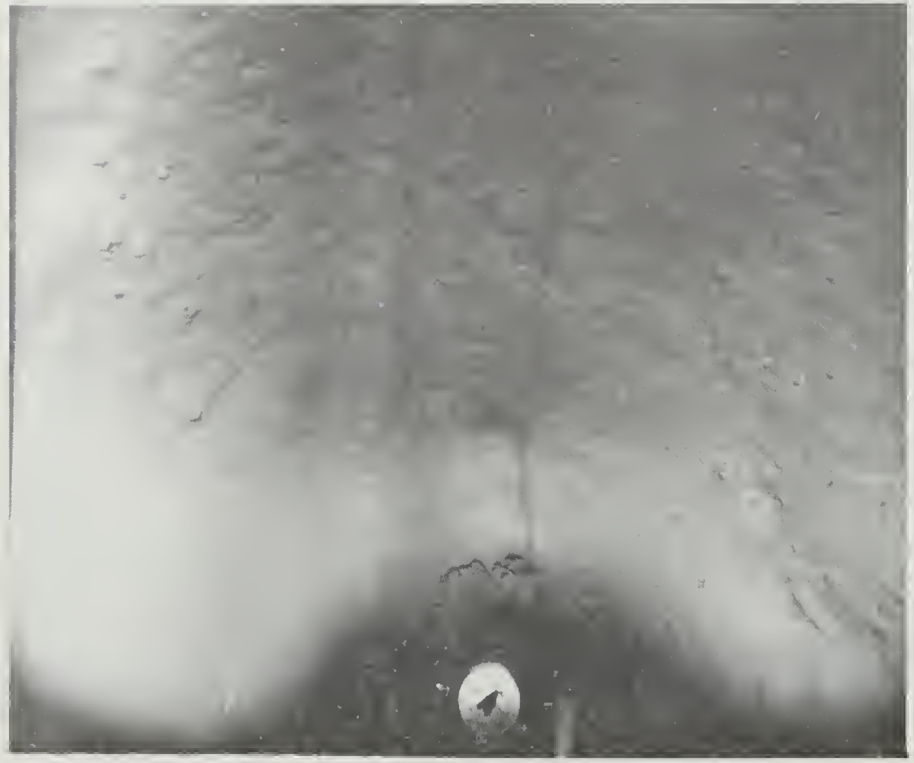
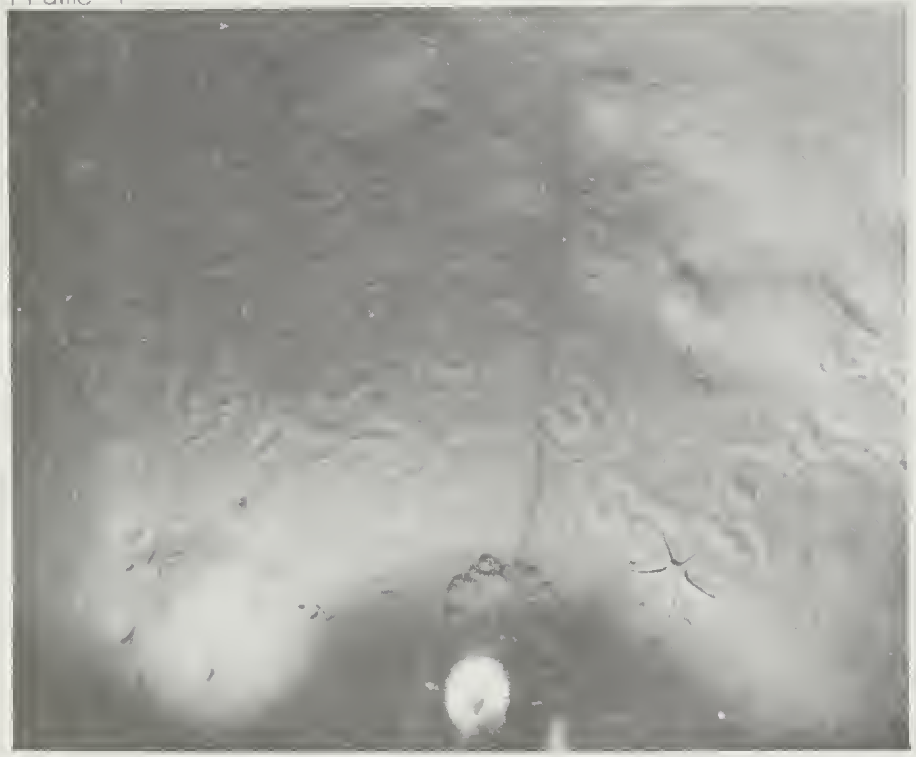


Frame 1

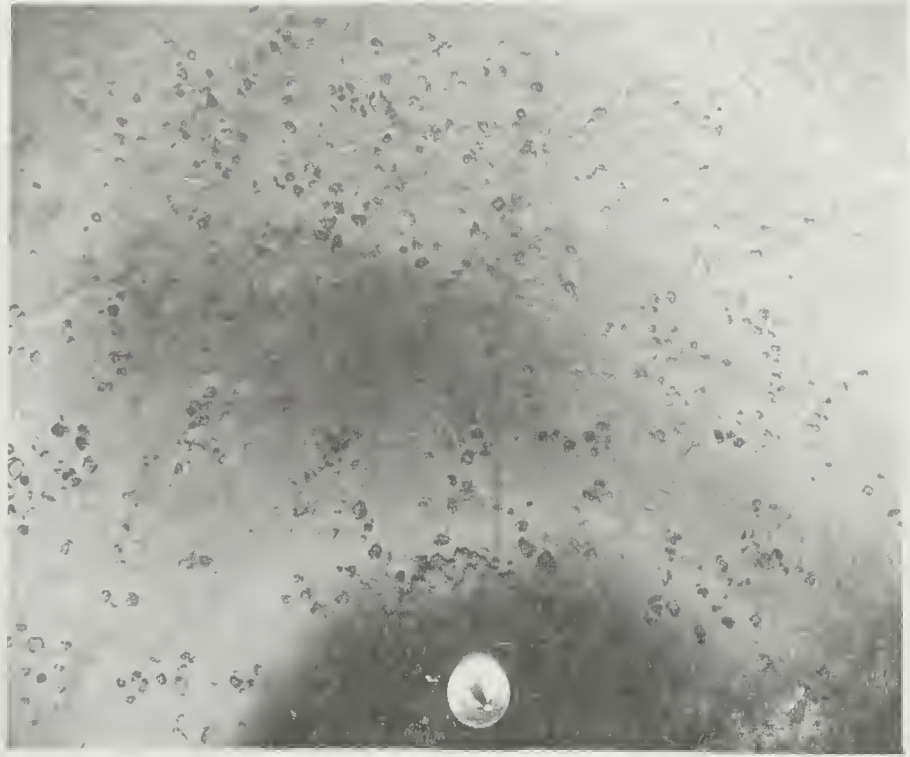
Frame 3

Cruise 44 Ship Sta 10 Camera Sta 10 4046 Meters

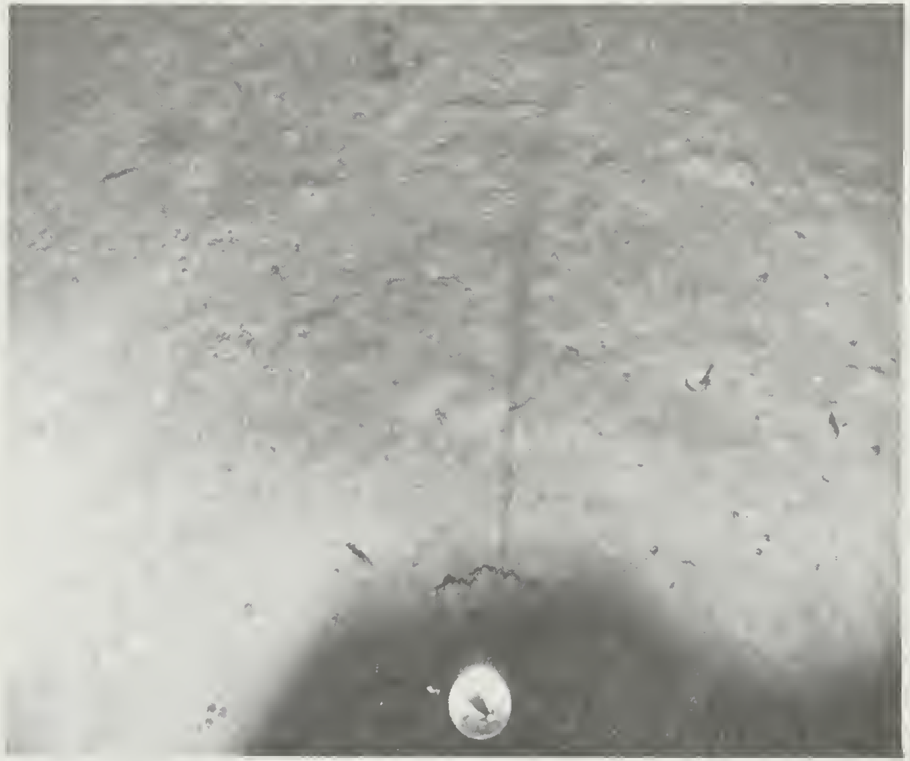
Frame 4



Frame 7



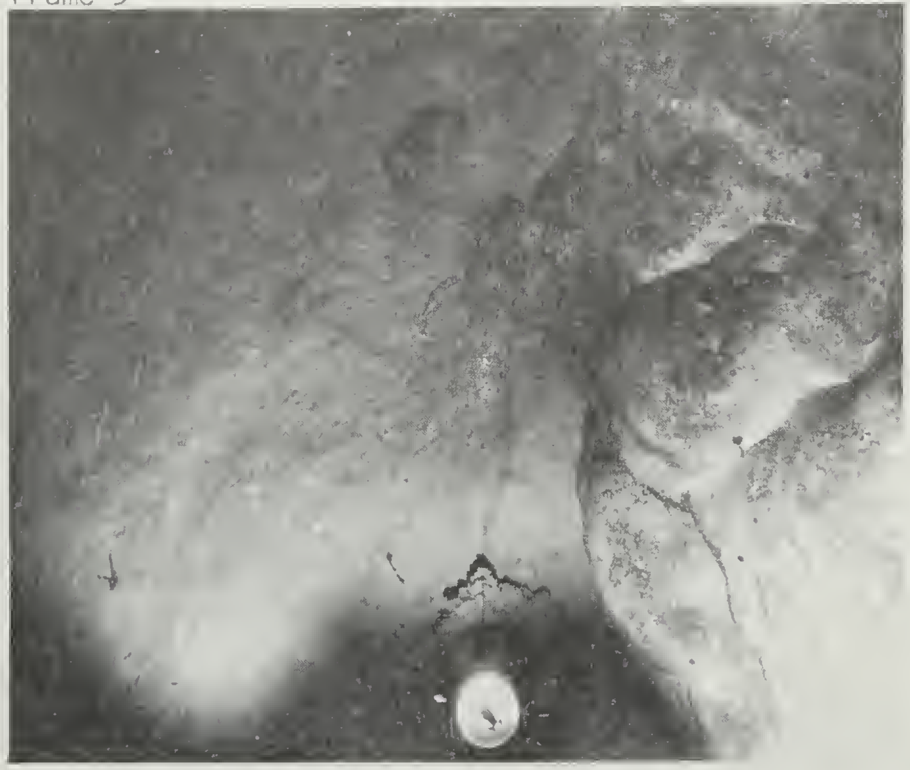
Frame 1



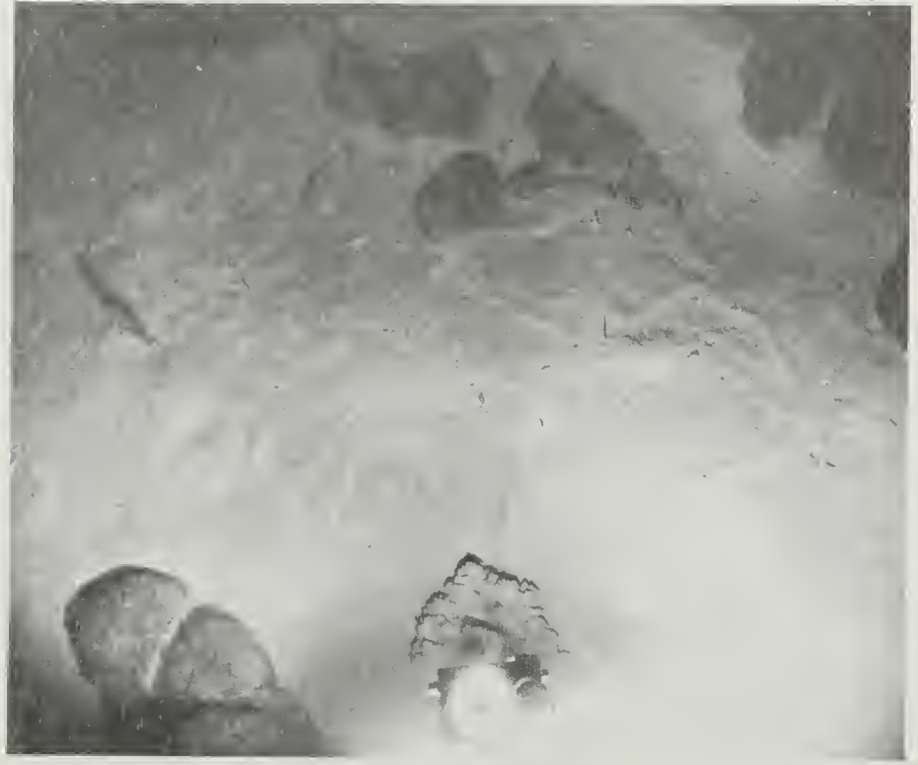
Frame 3

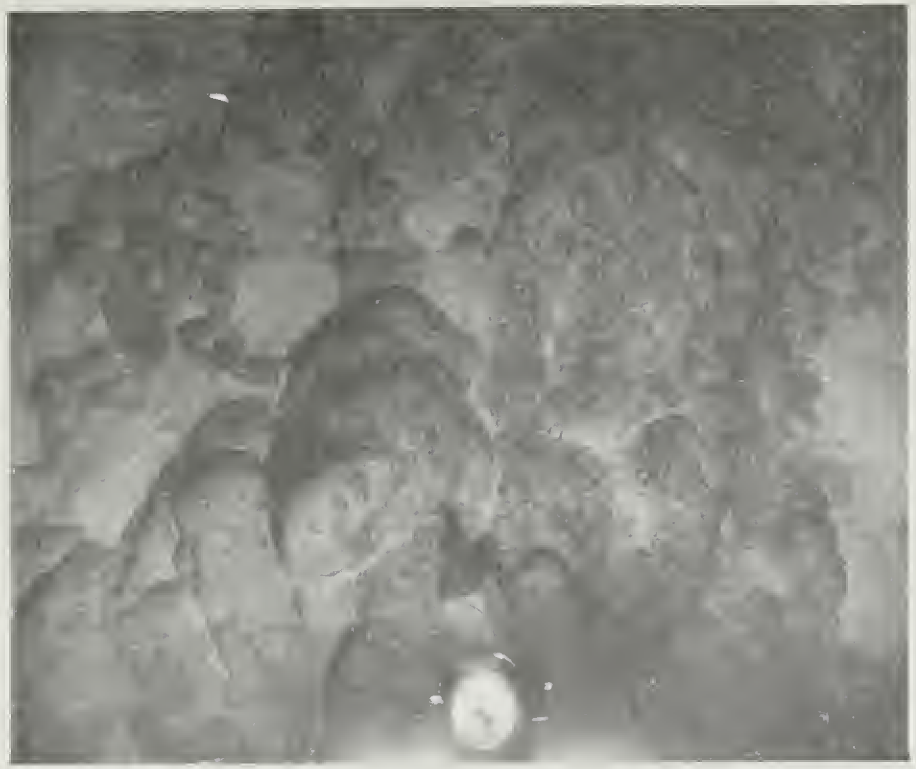
Cruise 44 Ship Sta 12 Camera Sta 11 4094 Meters

Frame 5



Frame 8

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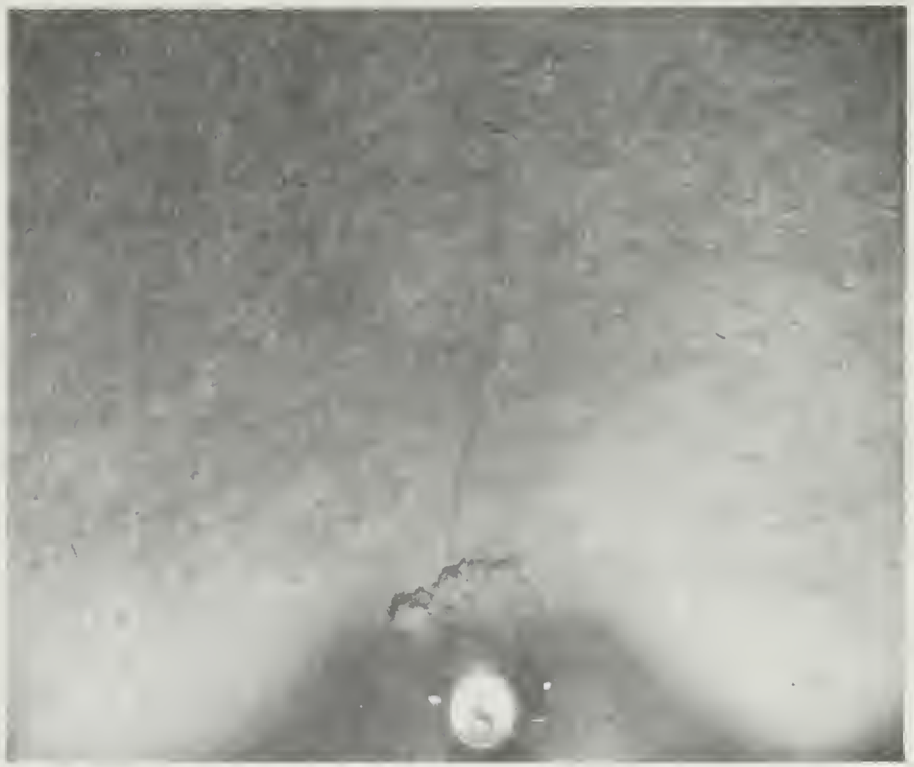
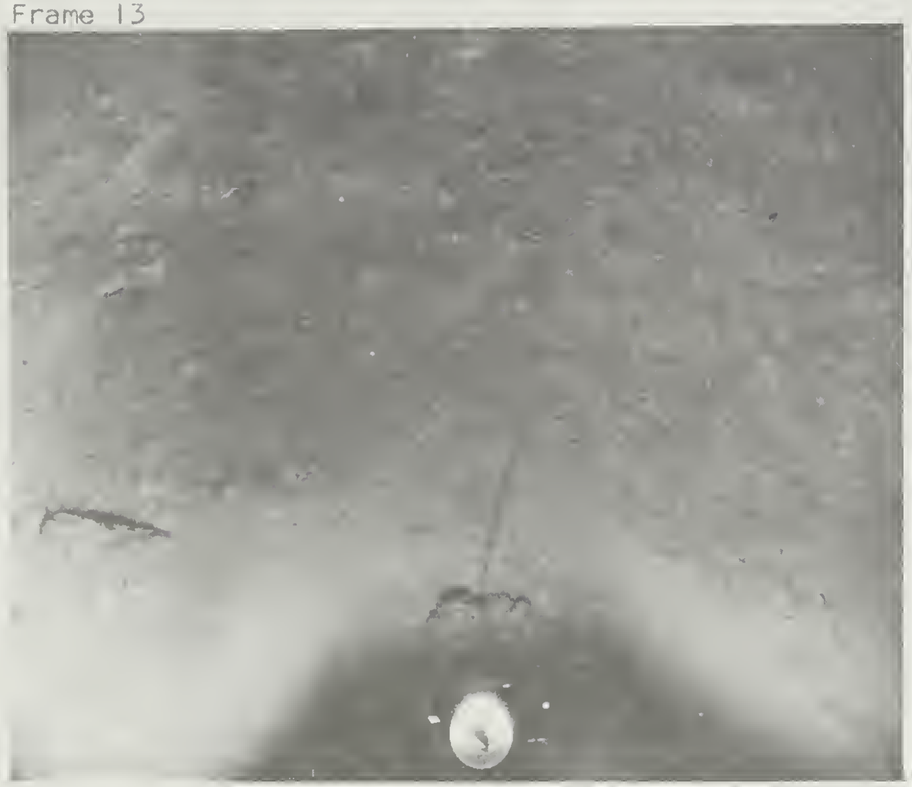
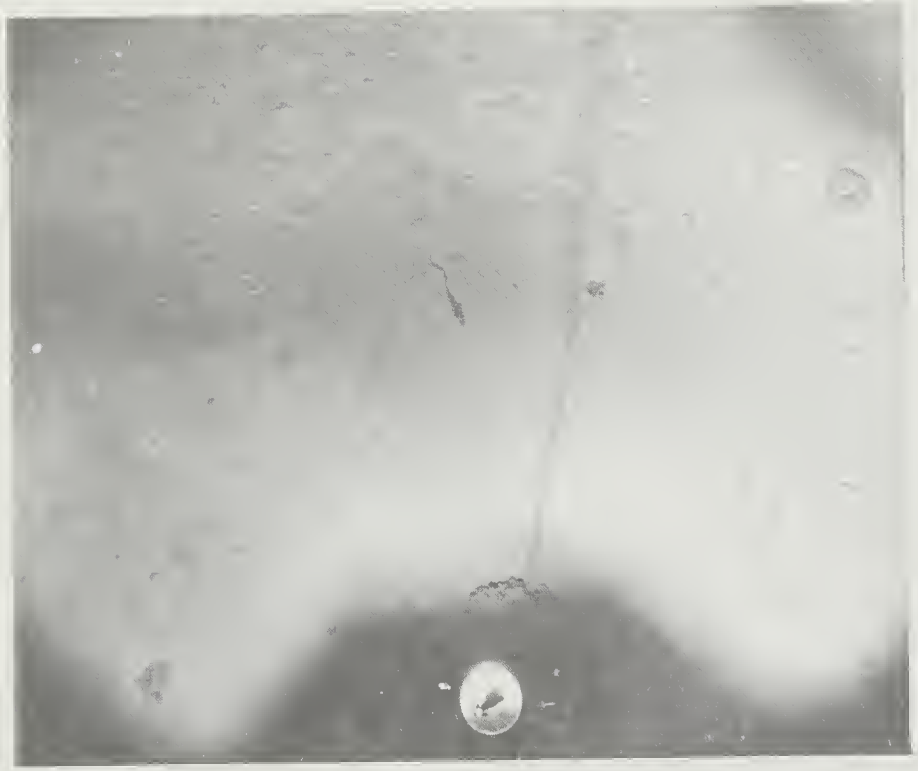

Frame 12

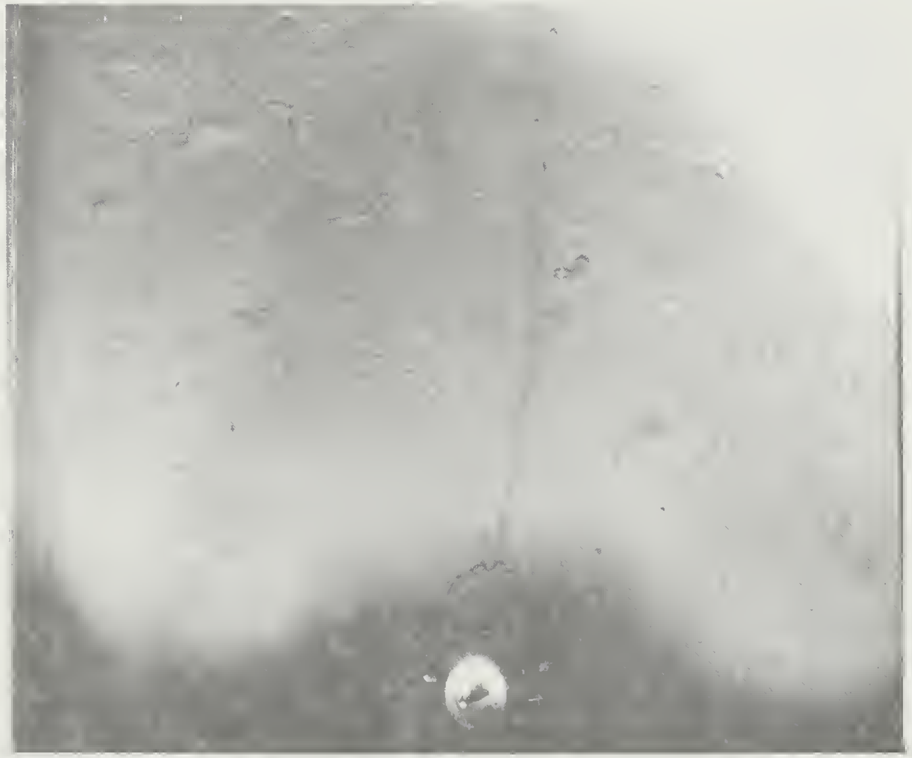
Cruise 44 Ship Sta 12 Camera Sta 11 4094 Meters

Frame 13





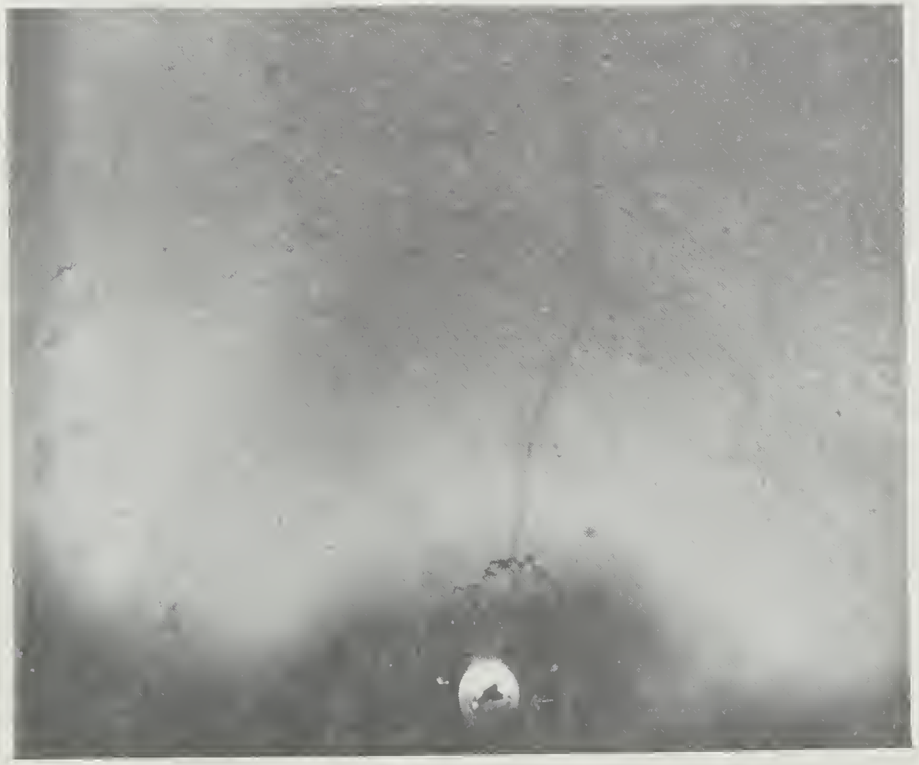
Frame 2



Frame 4

Cruise 44 Ship Sta 13 Camera Sta 12 [illegible] Meters

Frame 6

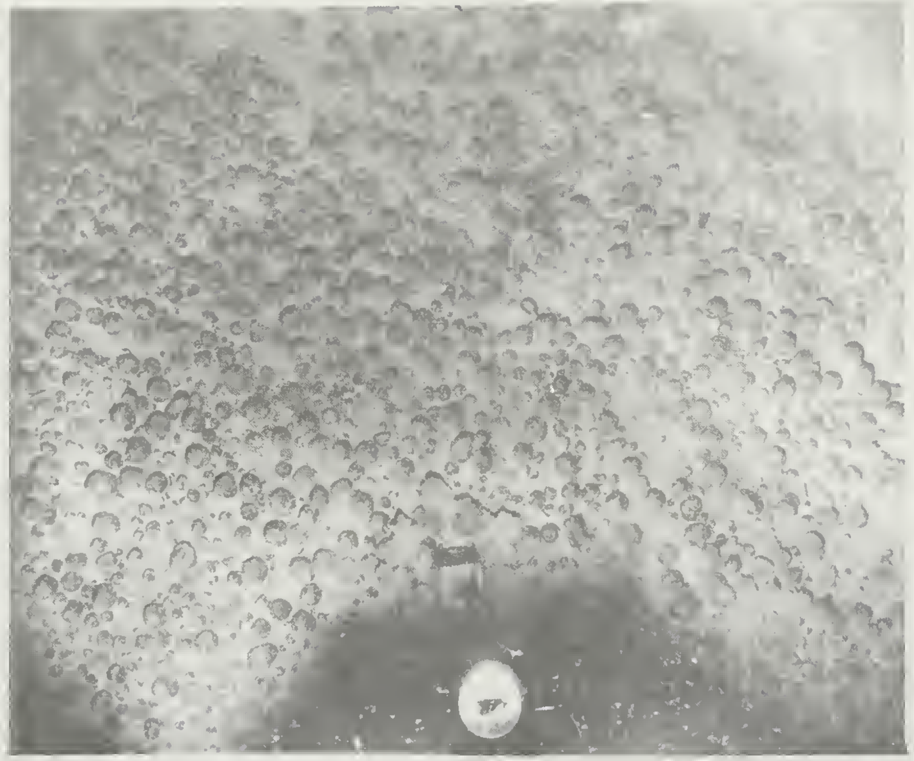


Frame 7

Frame 1

Frame 3

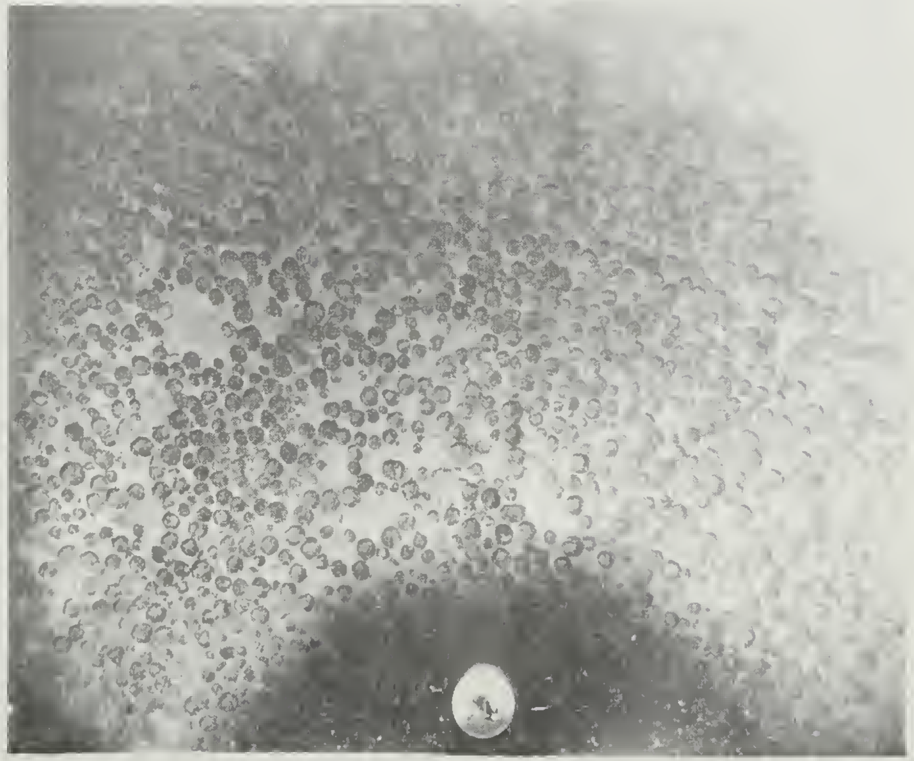
Cruise 44 Ship Sta 15 Camera Sta 14 4602 Meters



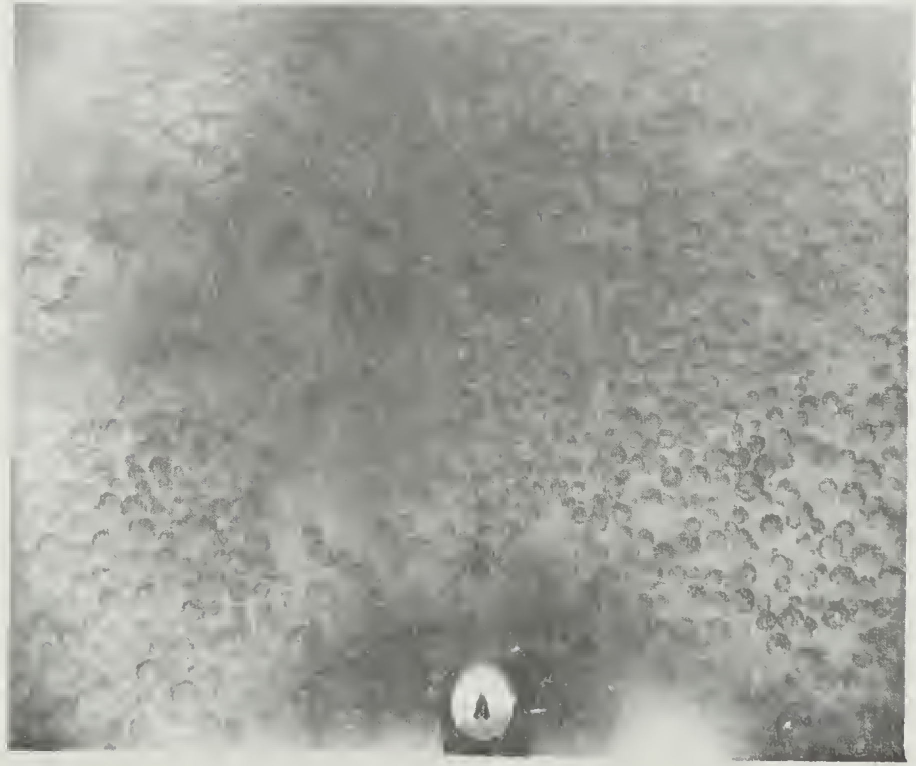
Frame 1

Frame 2

Cruise 44 Ship Sta 16 Camera Sta 15 4454 Meters

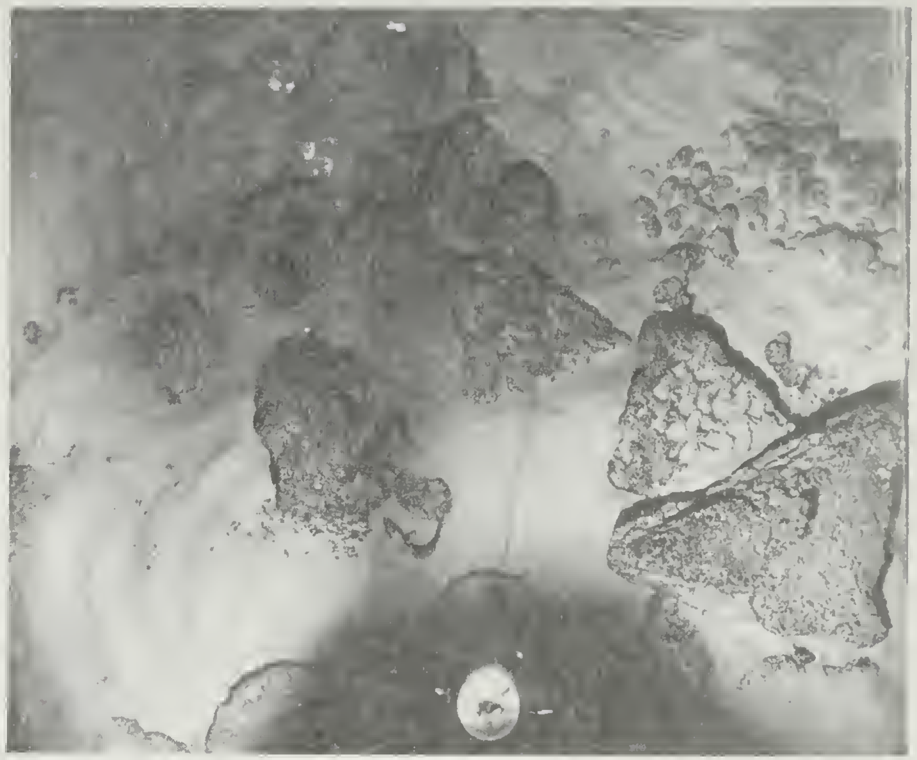


Frame 4



Frame 10

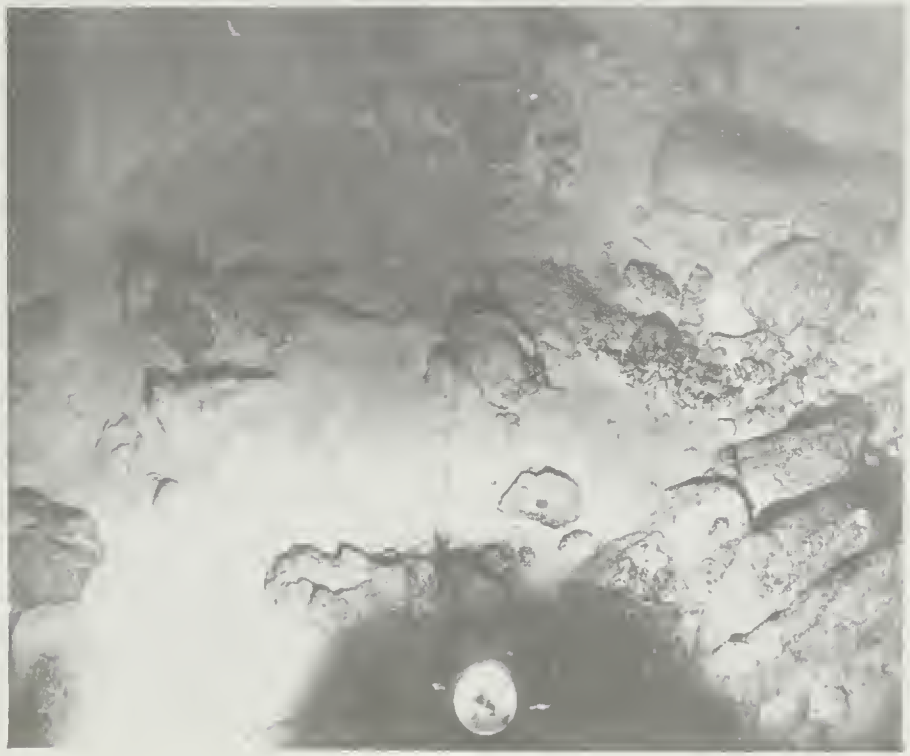
Frame 1



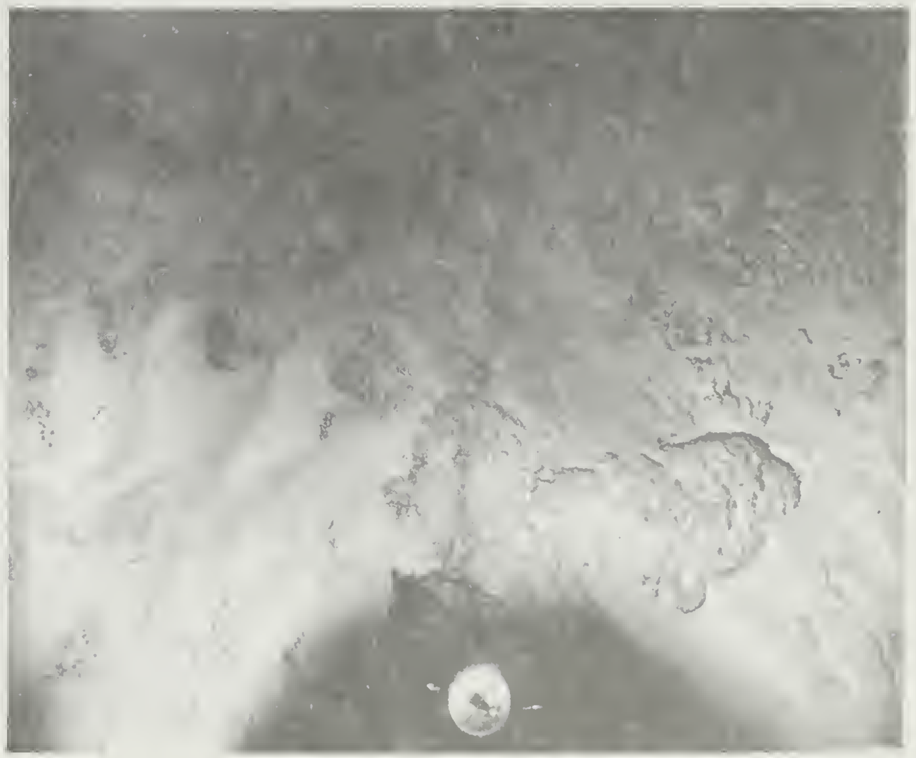
Frame 2

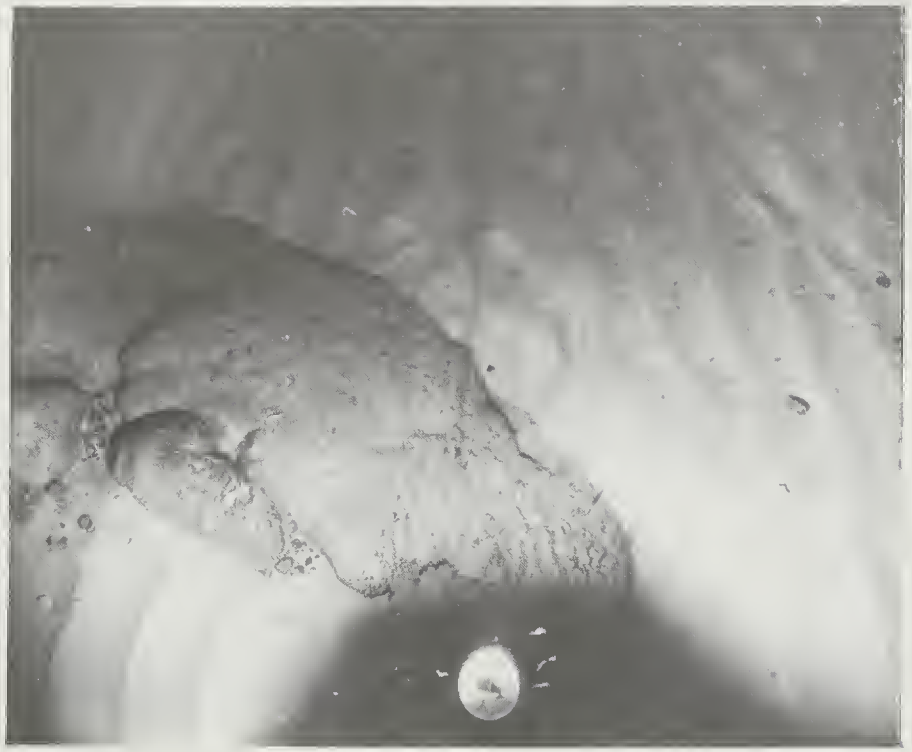
Cruise 44 Ship Sta 19 Camera Sta 16 5215 Meter

Frame 3



Frame 4





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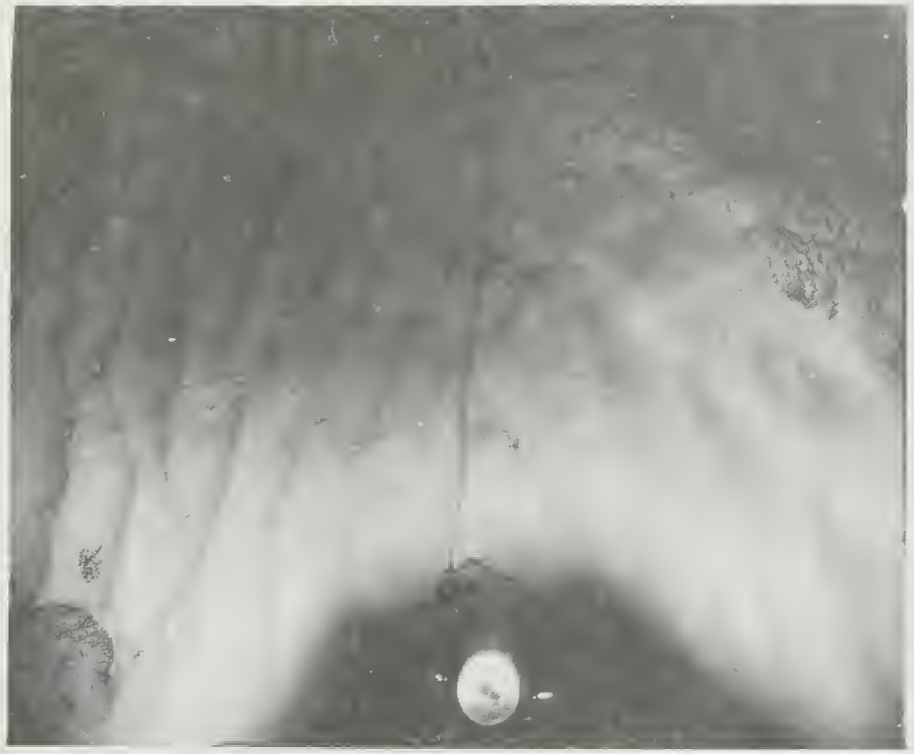
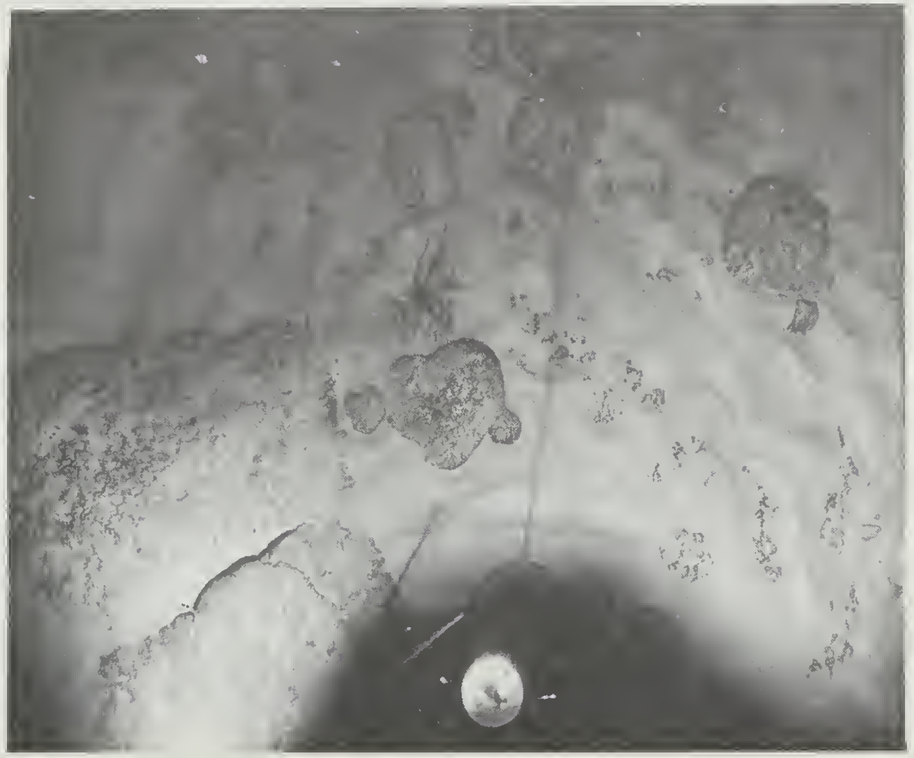


Frame 9

Cruise 44 Ship Sta 19 Camera Sta 16 3213 Meters

Frame 10



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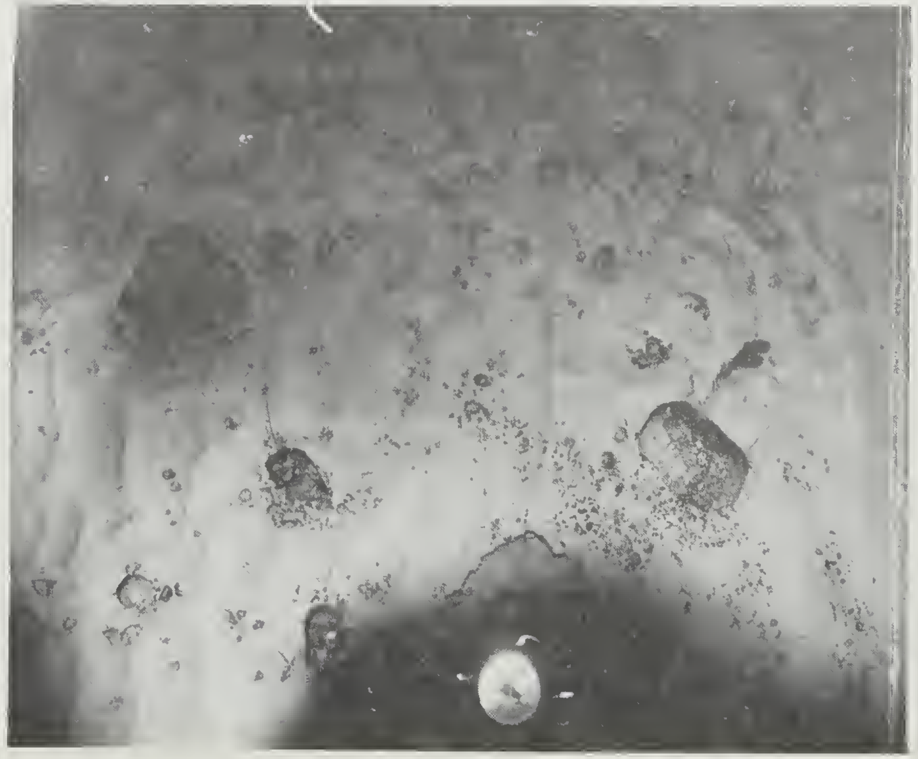

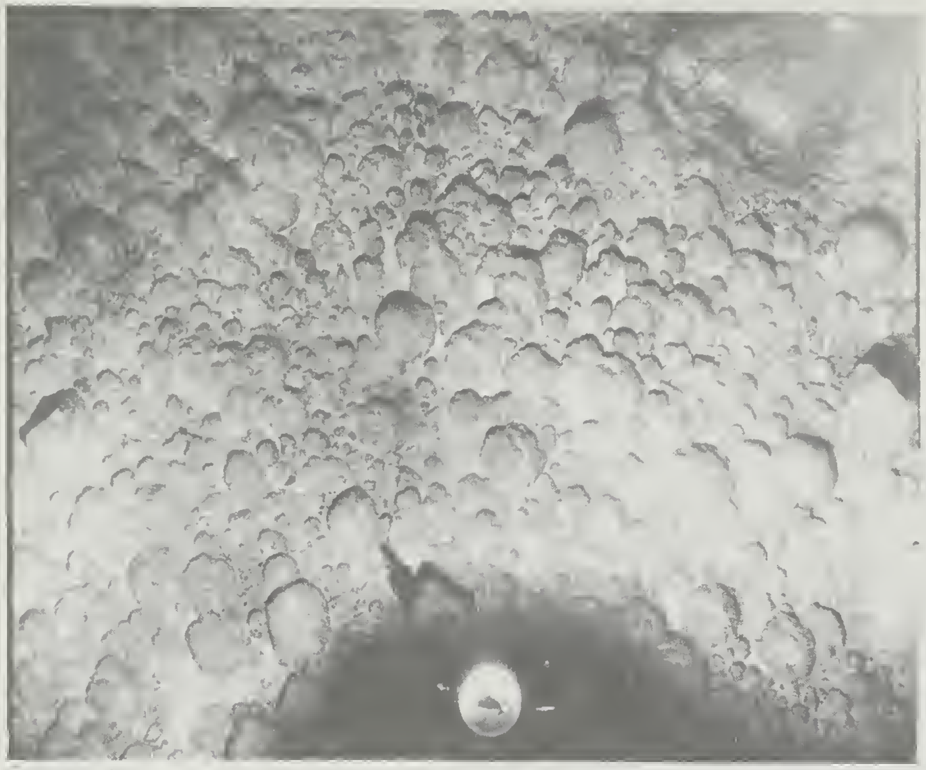

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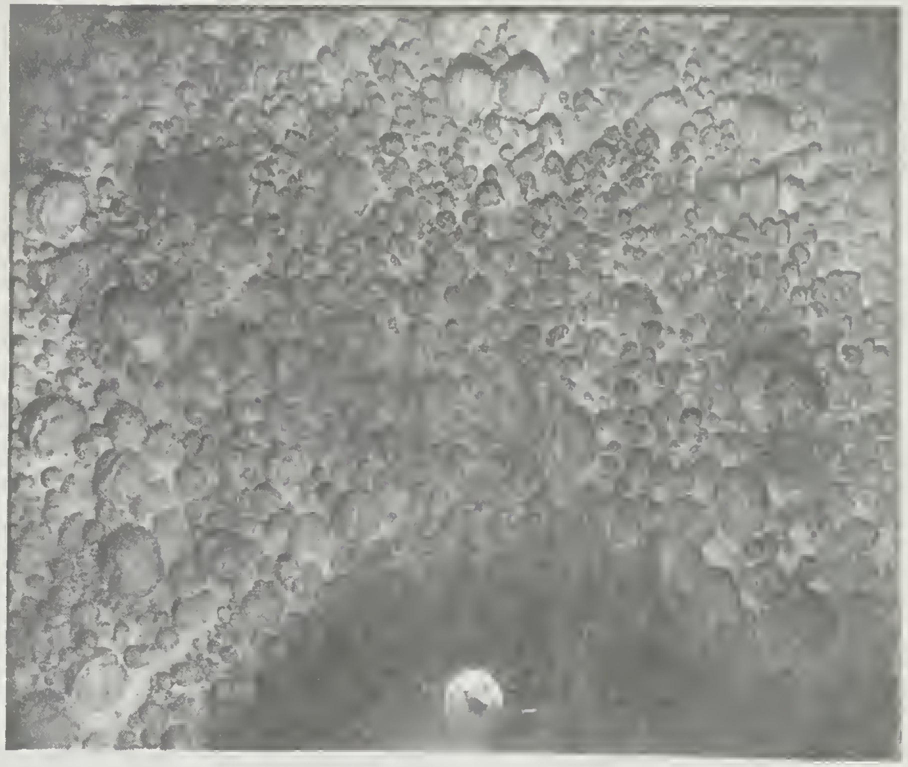

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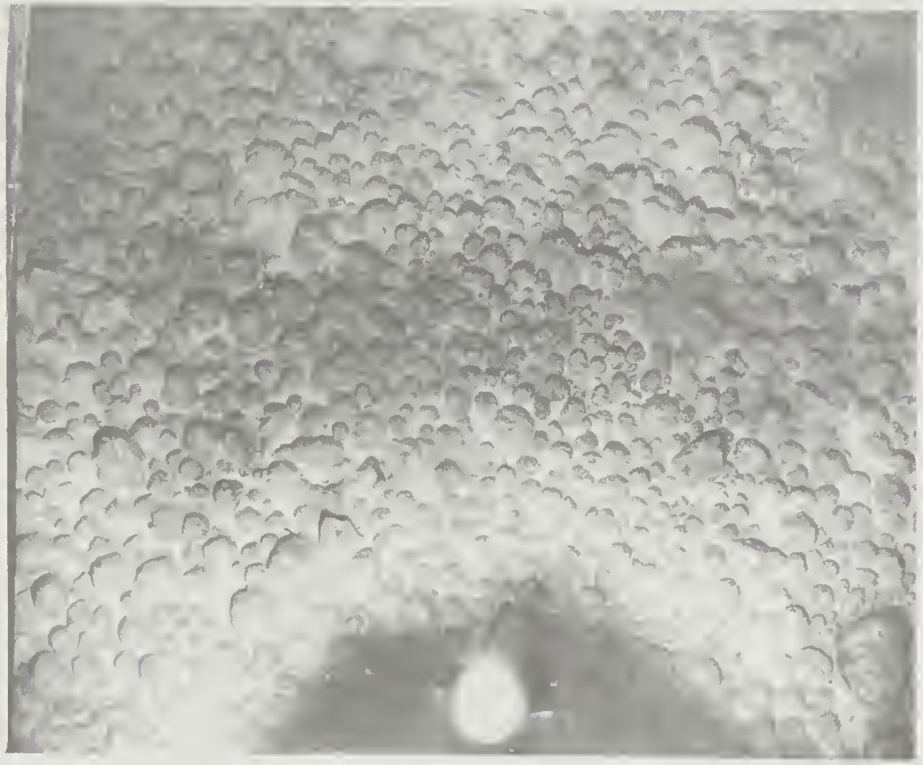
Cruise 44 Ship Sta 21 Camera Sta 17 3642 Meters

Frame 5



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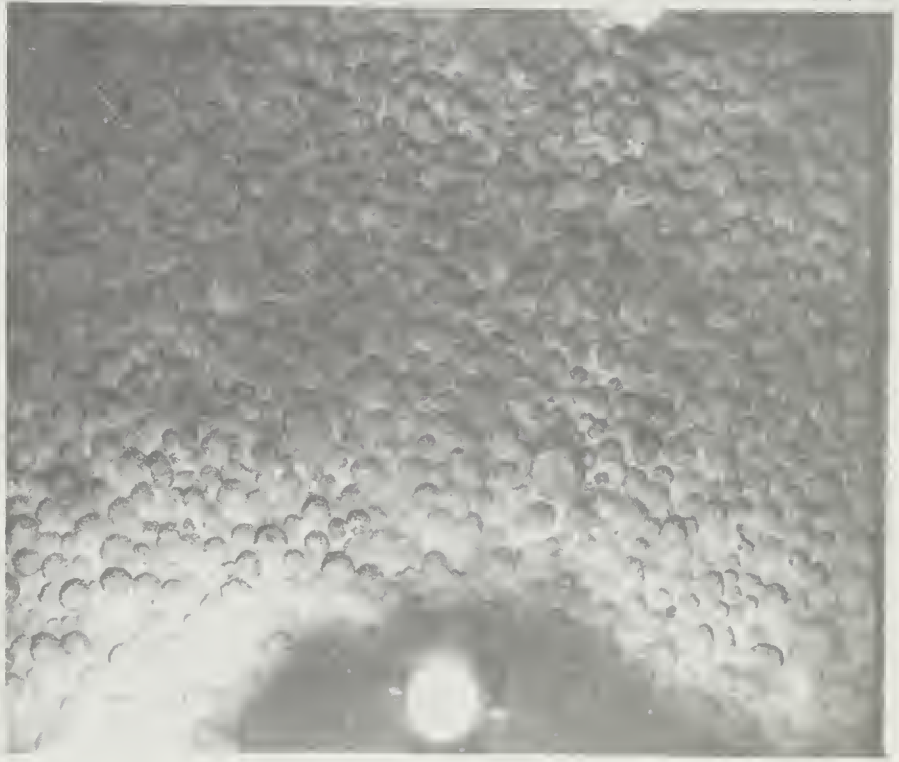
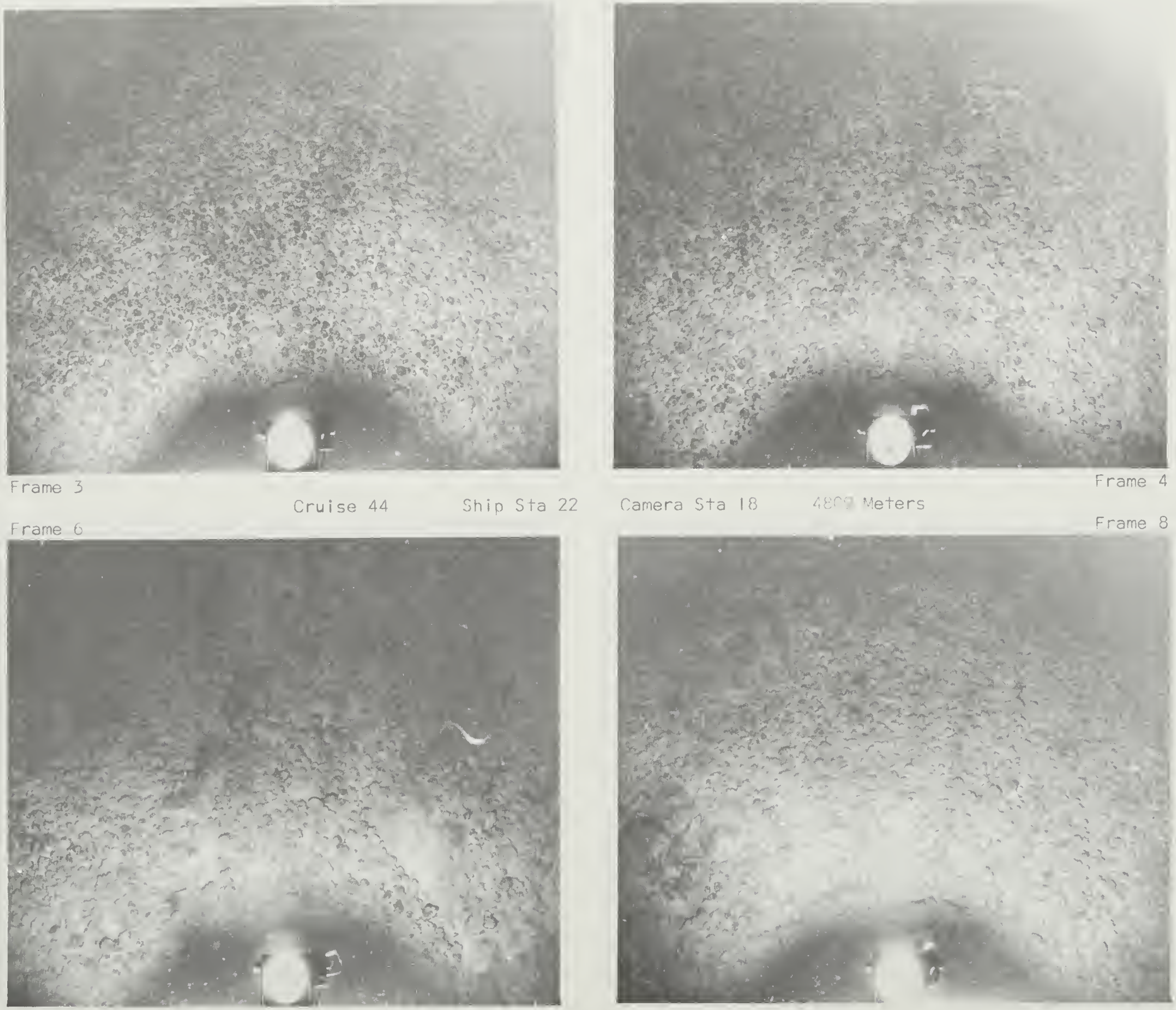




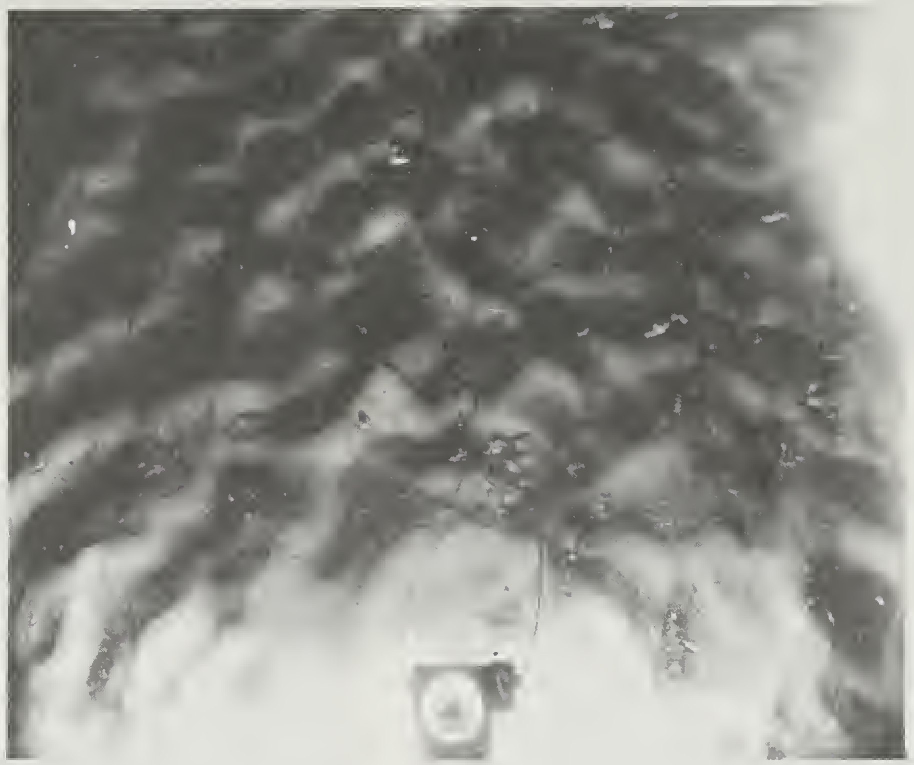
Frame 3

Frame 4

Cruise 44 Ship Sta 22 Camera Sta 18 4800 Meters

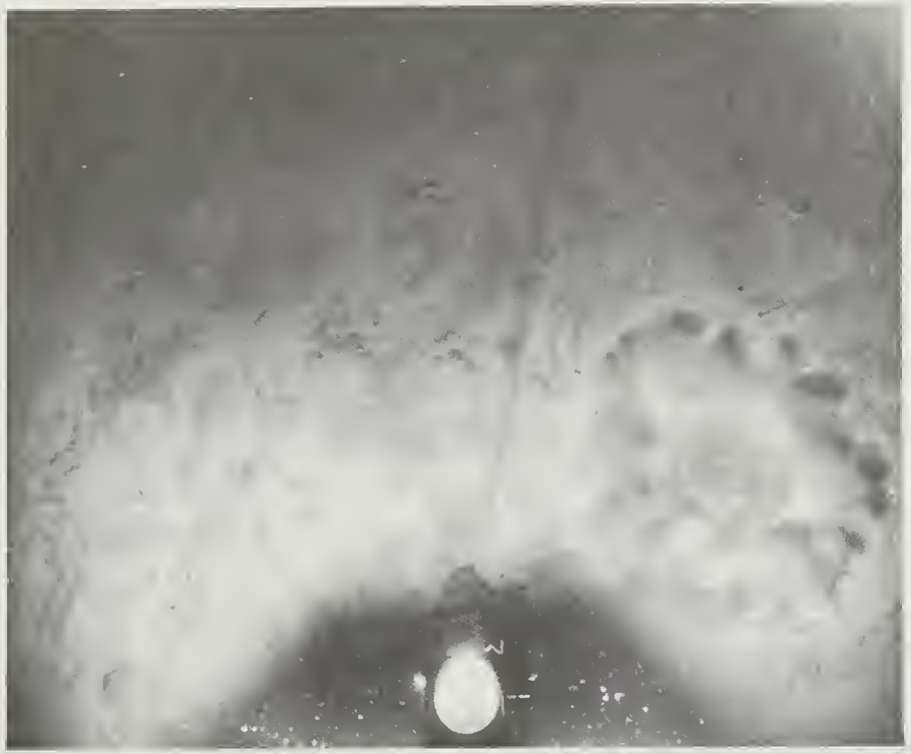
Frame 6

Frame 8



Frame 1

Cruise 44 Ship Sta 24 Camera Sta 19 4738 Meters



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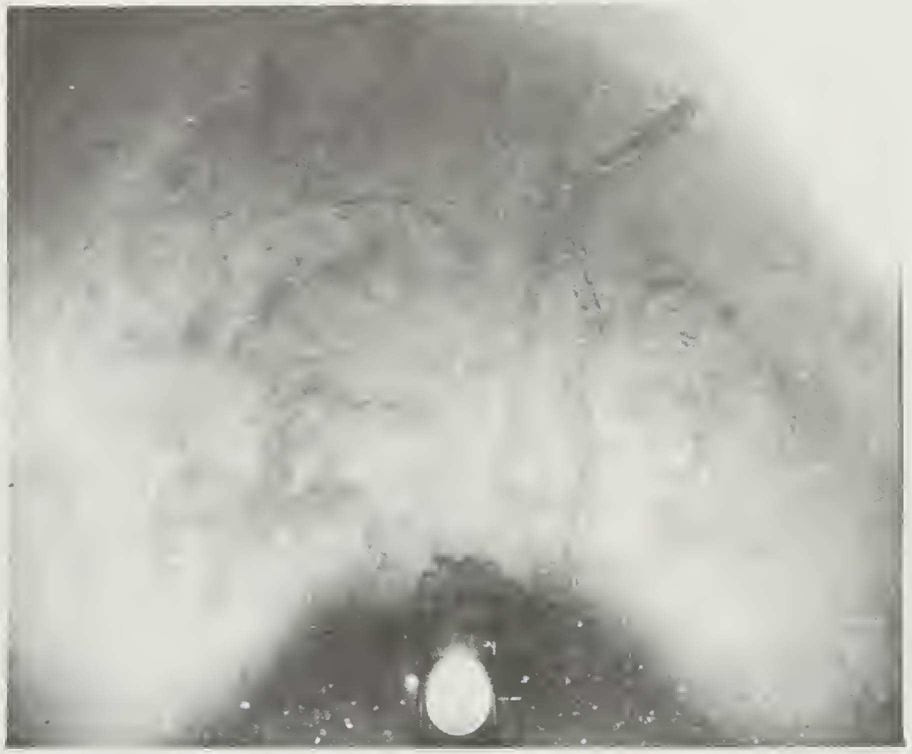

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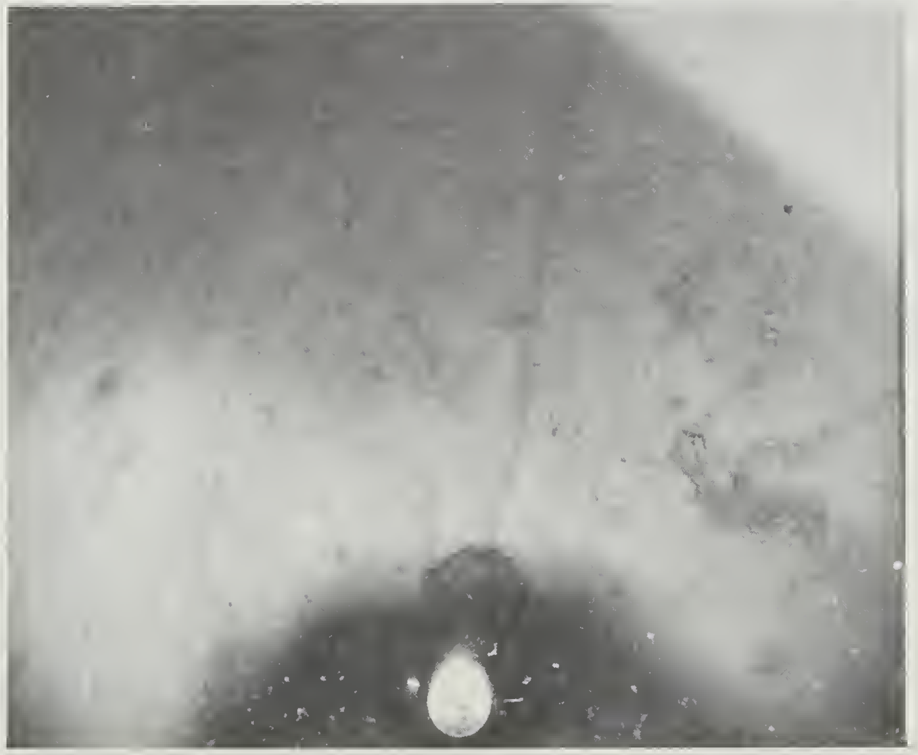
Cruise 44 Ship Sta 25 Camera Sta 20 4569 Meters

Frame 4



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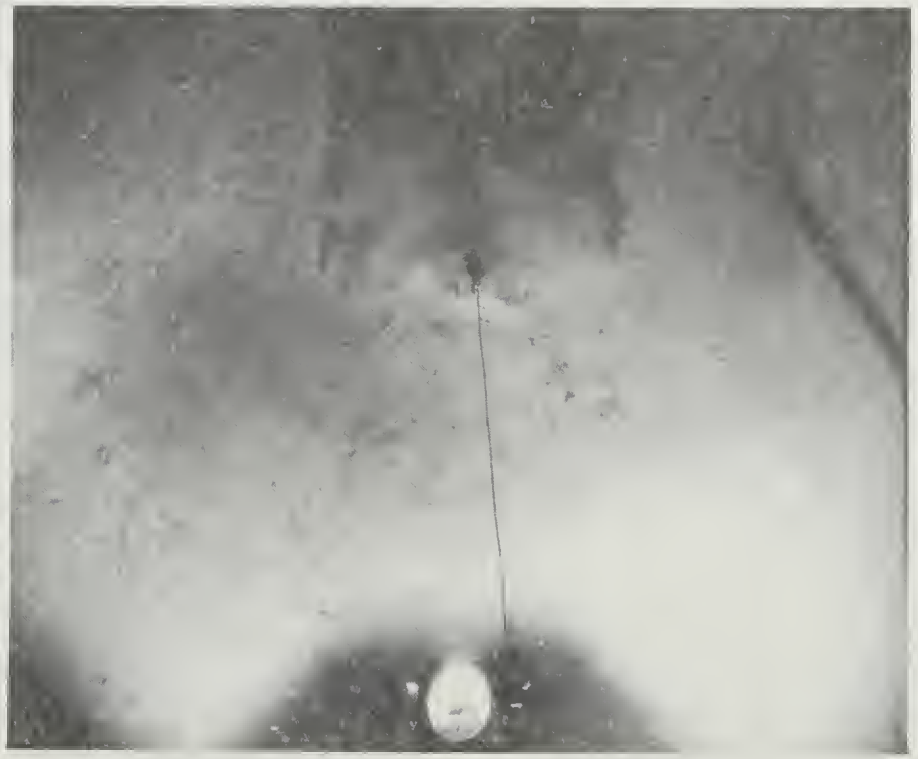

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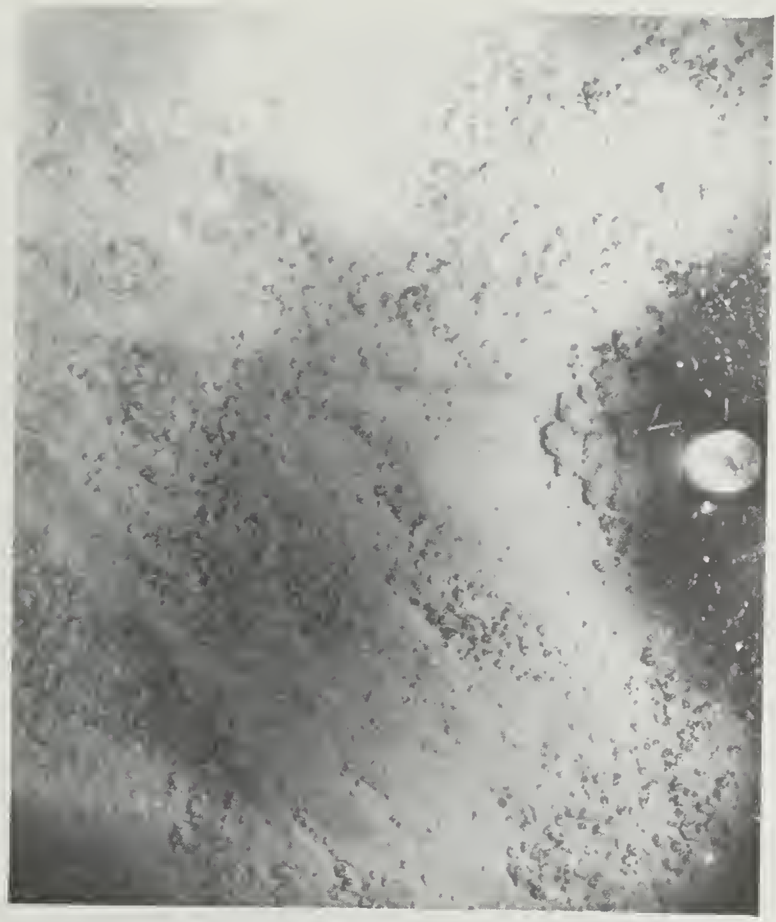
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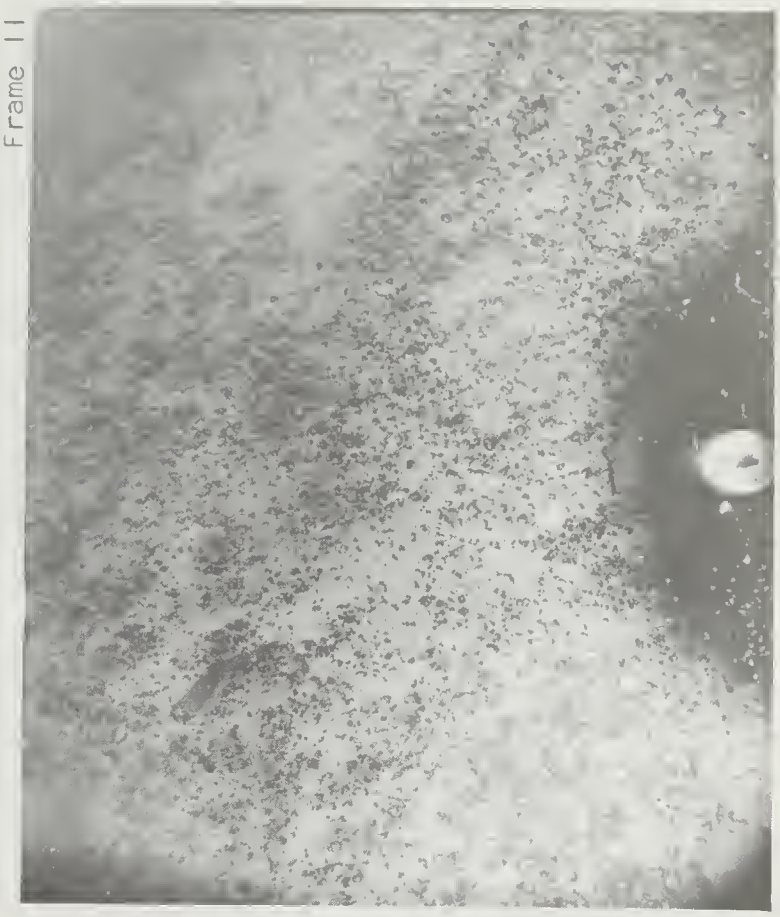
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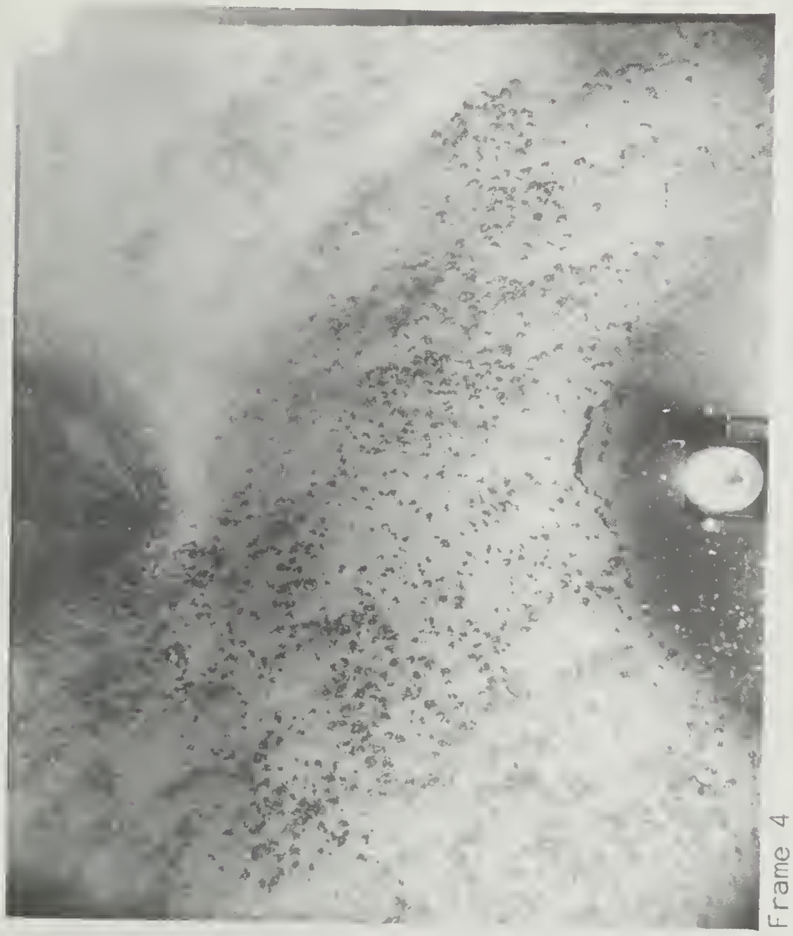
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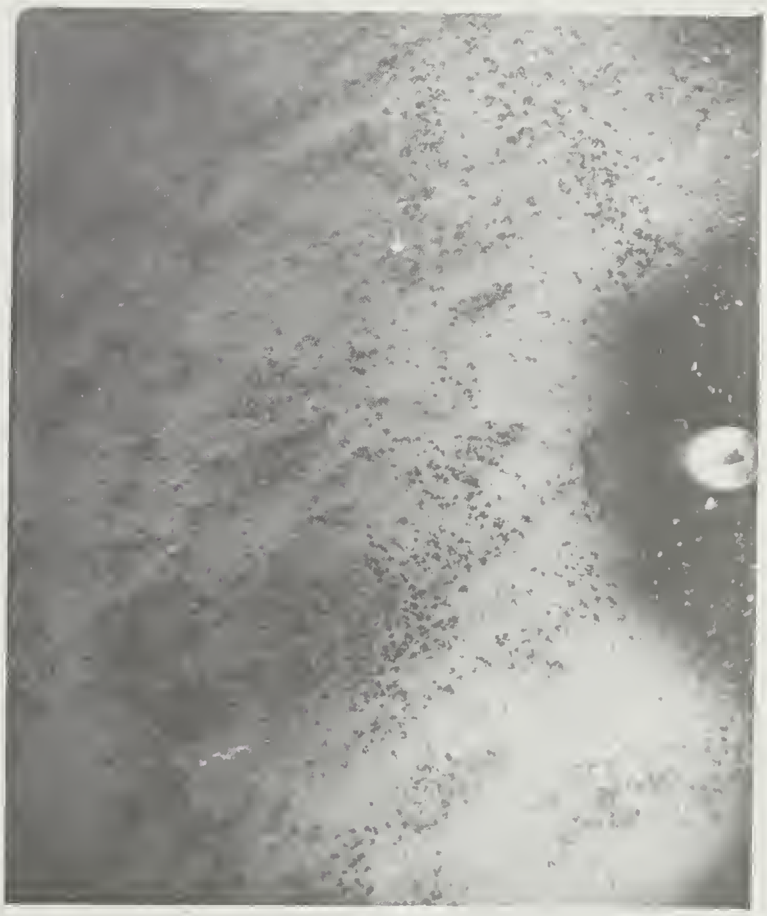
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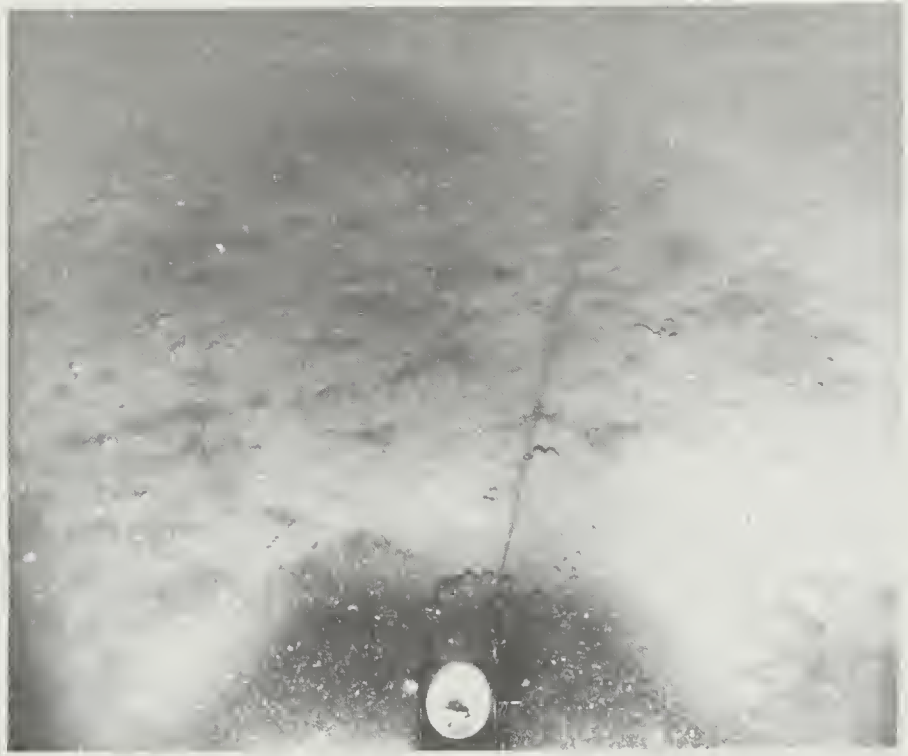

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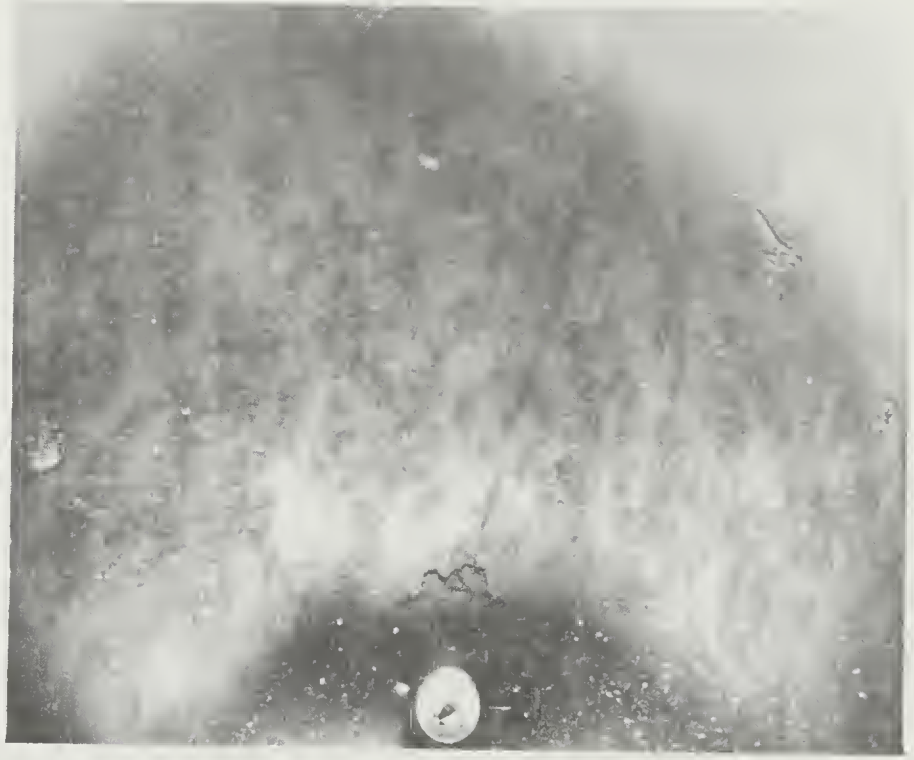
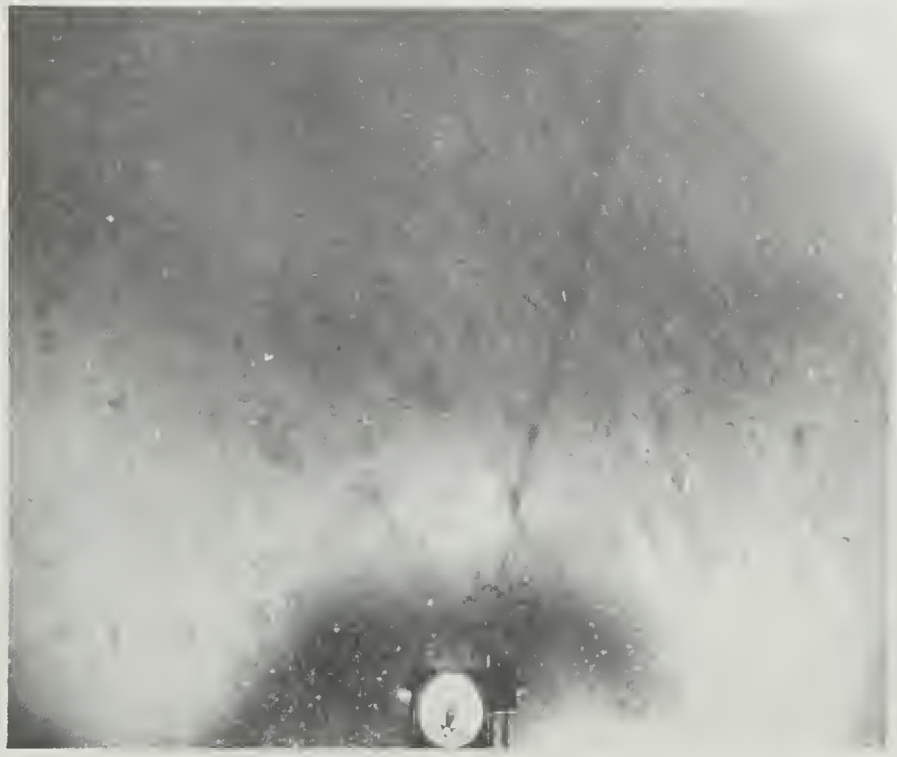


Frame 6

Cruise 44 Ship Sta 29 Camera Sta 22 4632 Meters

Frame 7



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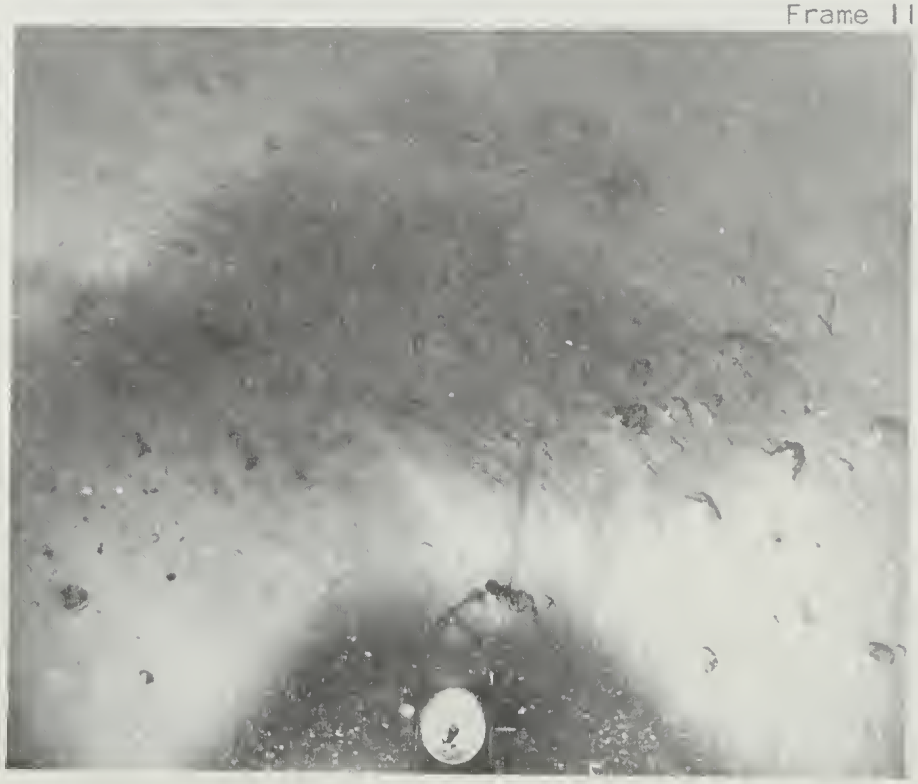

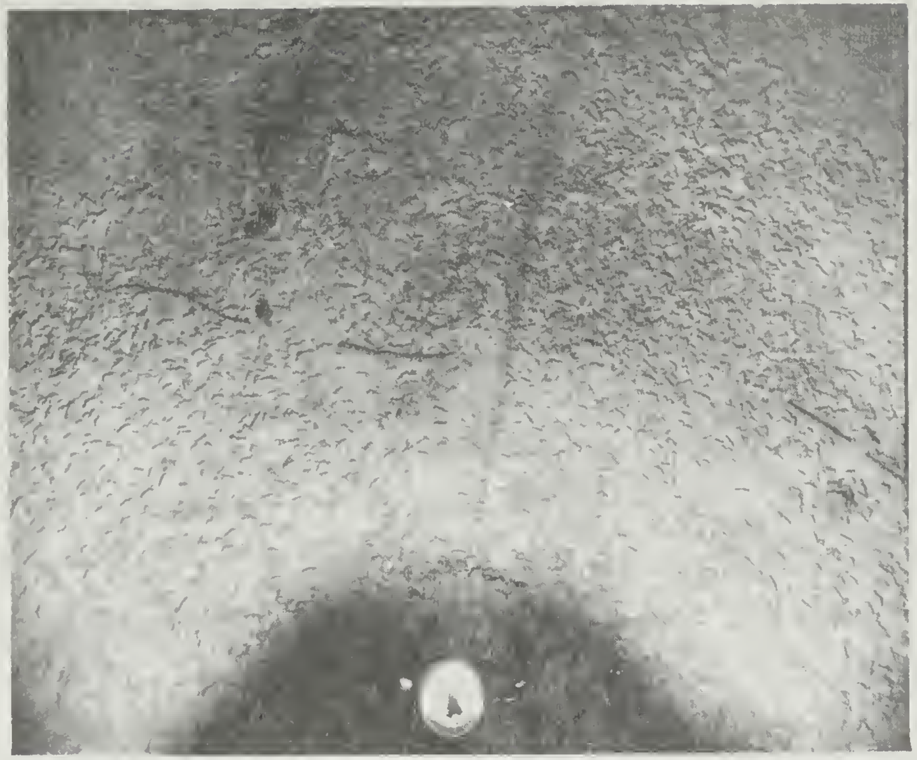

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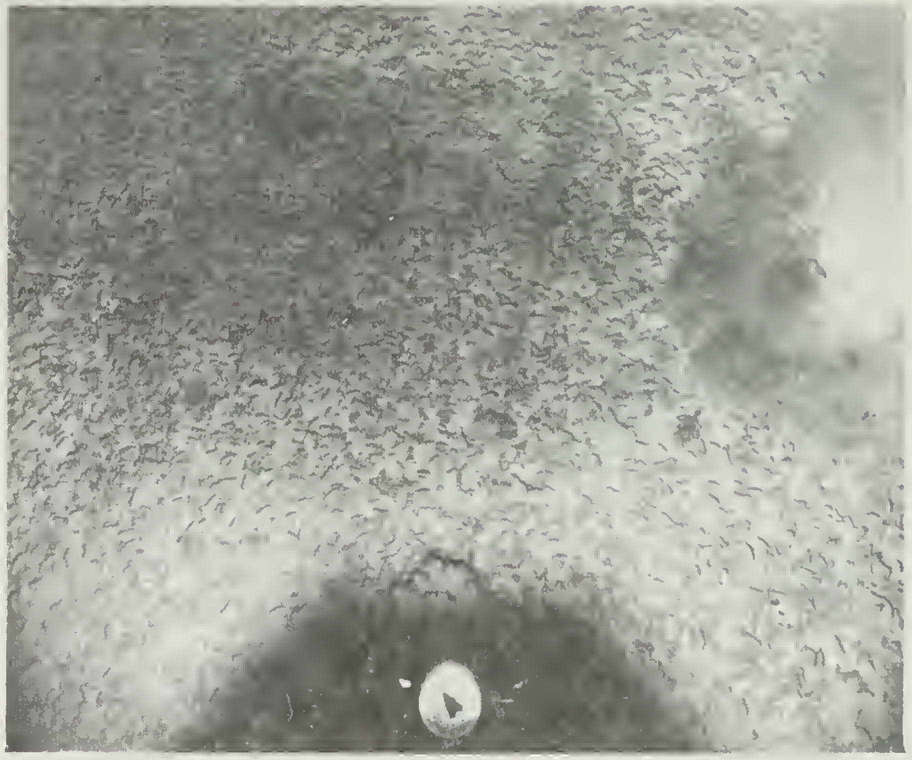
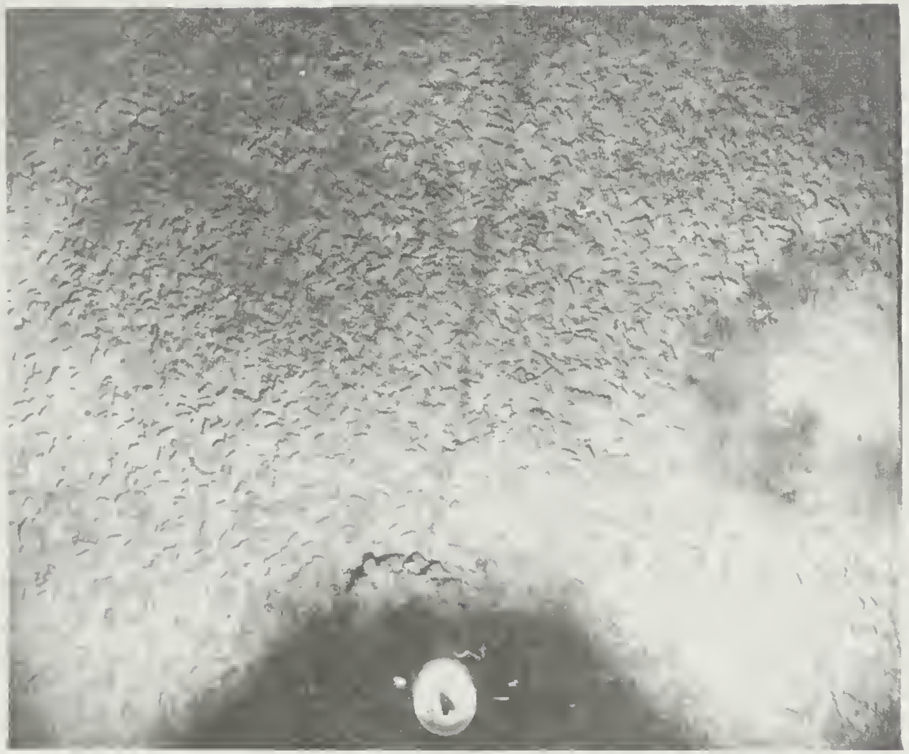


Frame 3

Cruise 44   Ship Sta 31   Camera Sta 24   3380 Meters

Frame 6



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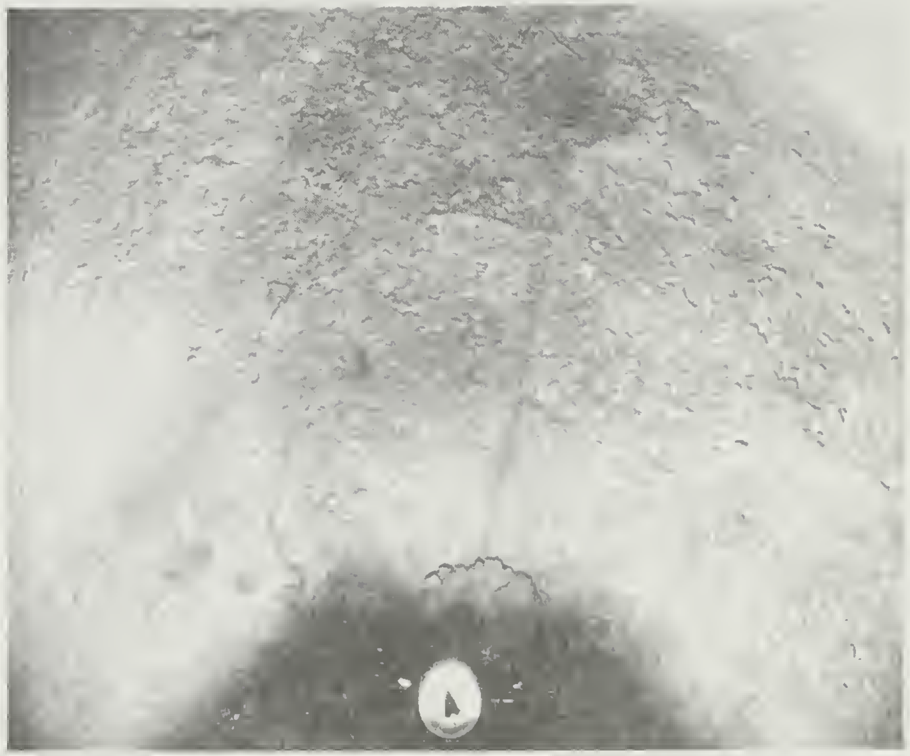

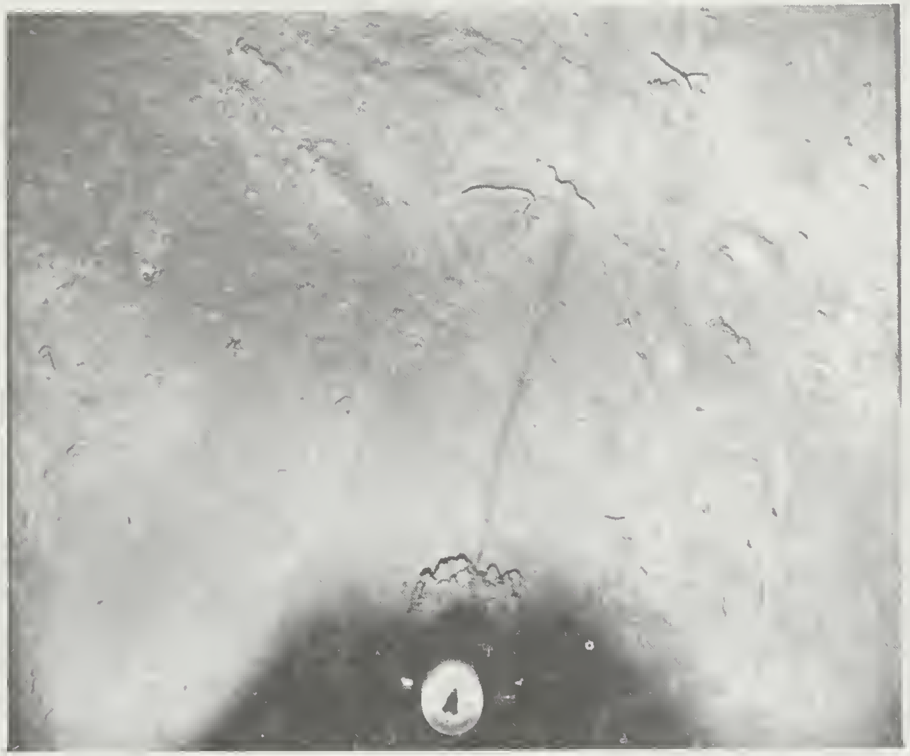

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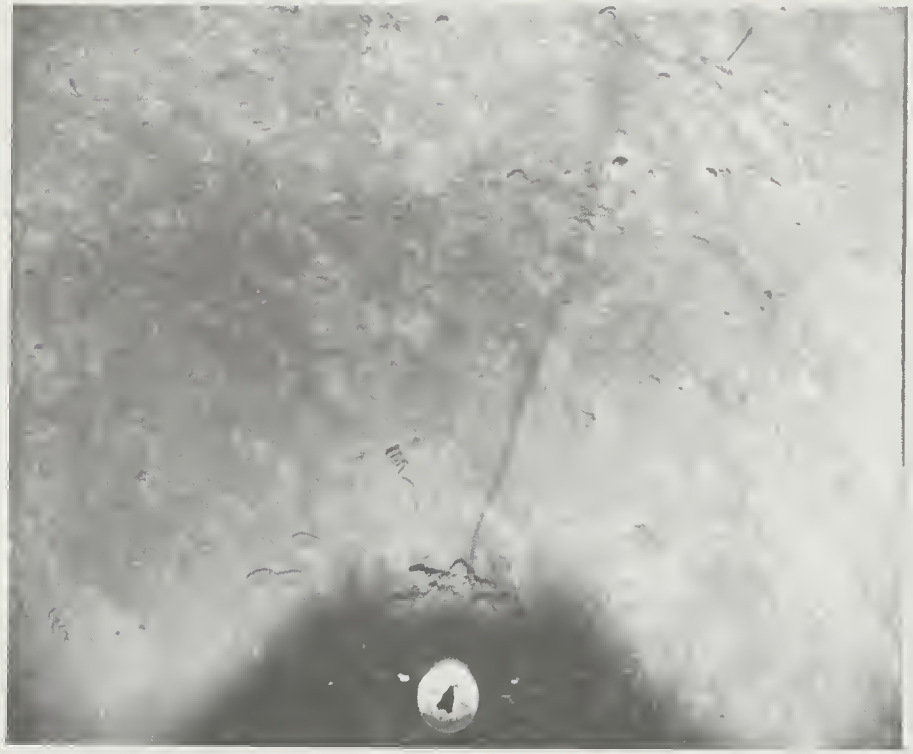
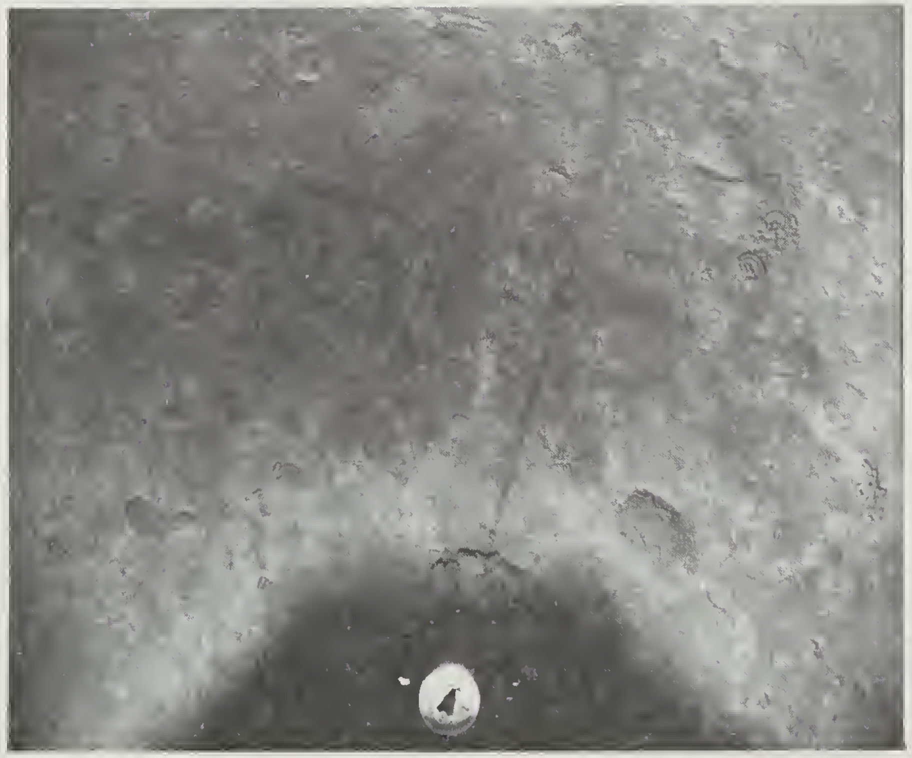


Frame 4

Cruise 44 Ship Sta 34 Camera Sta 25 3471 Meters

Frame 7



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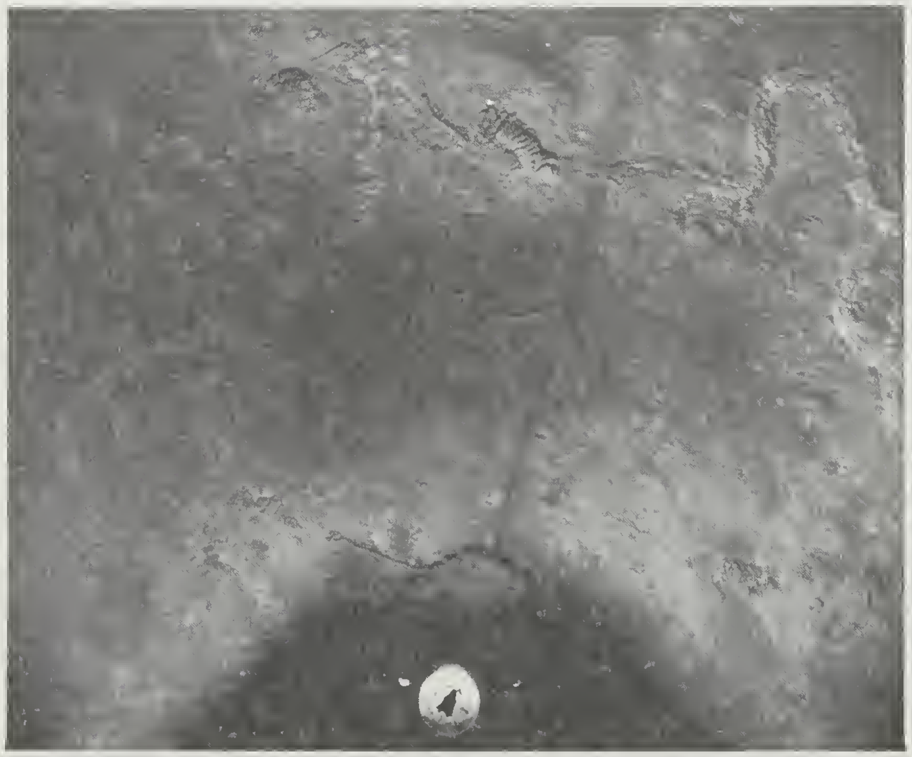

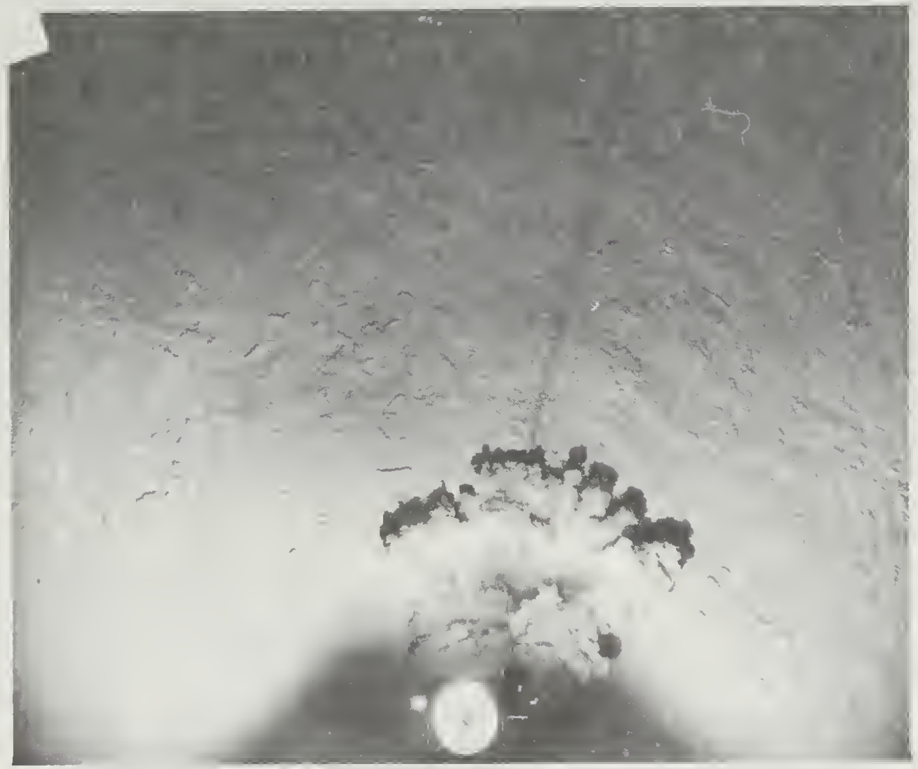

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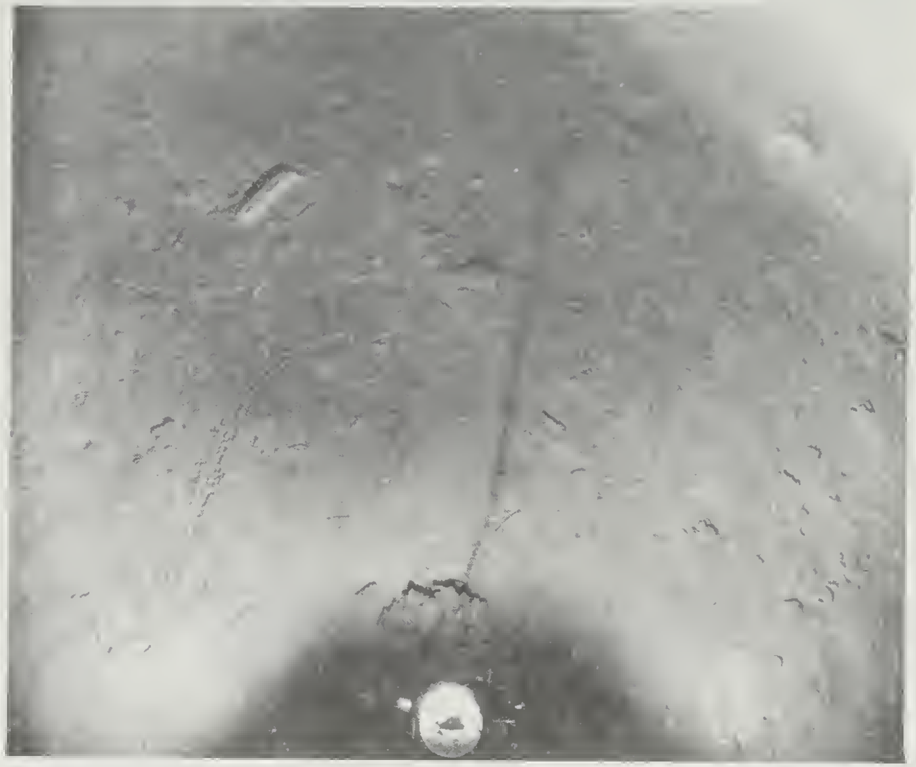

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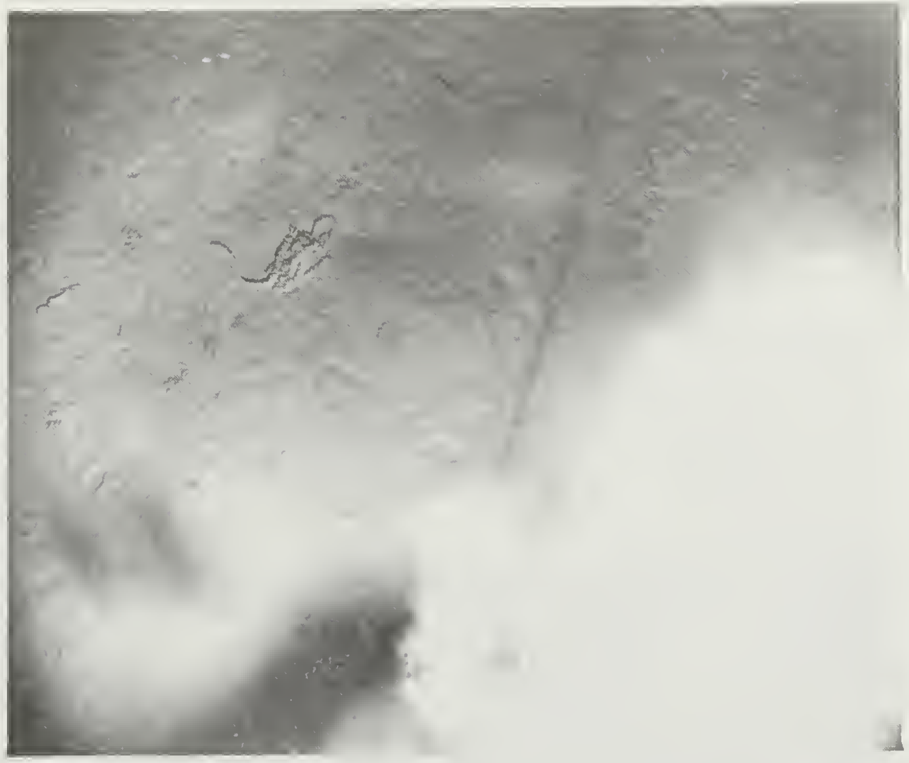
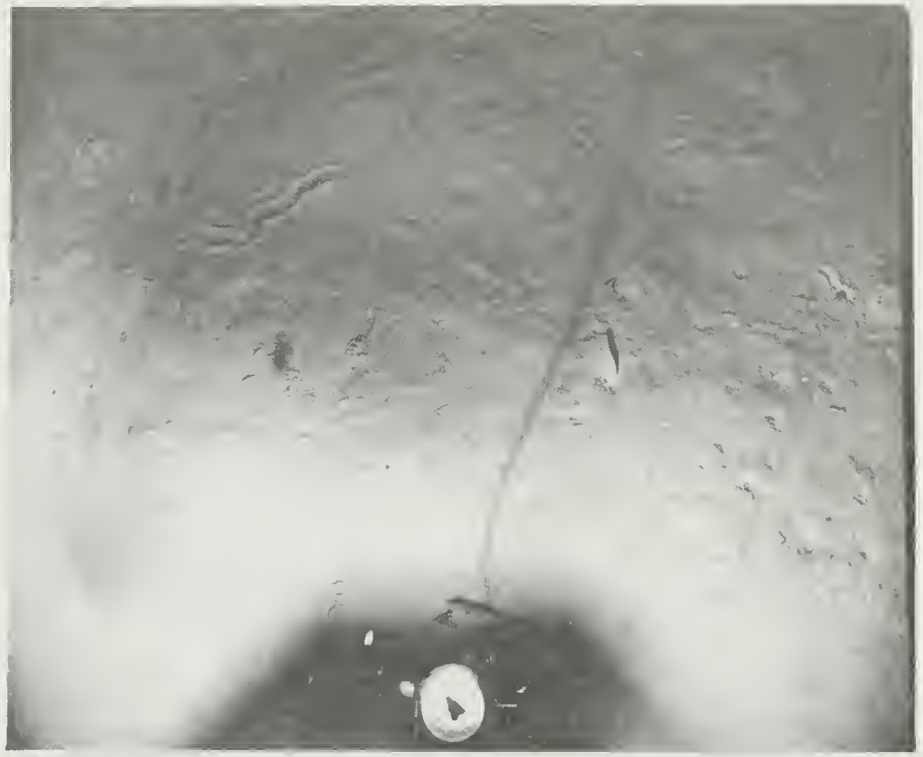
Cruise 44 Ship Sta 37 Camera Sta 26 4639 Meters



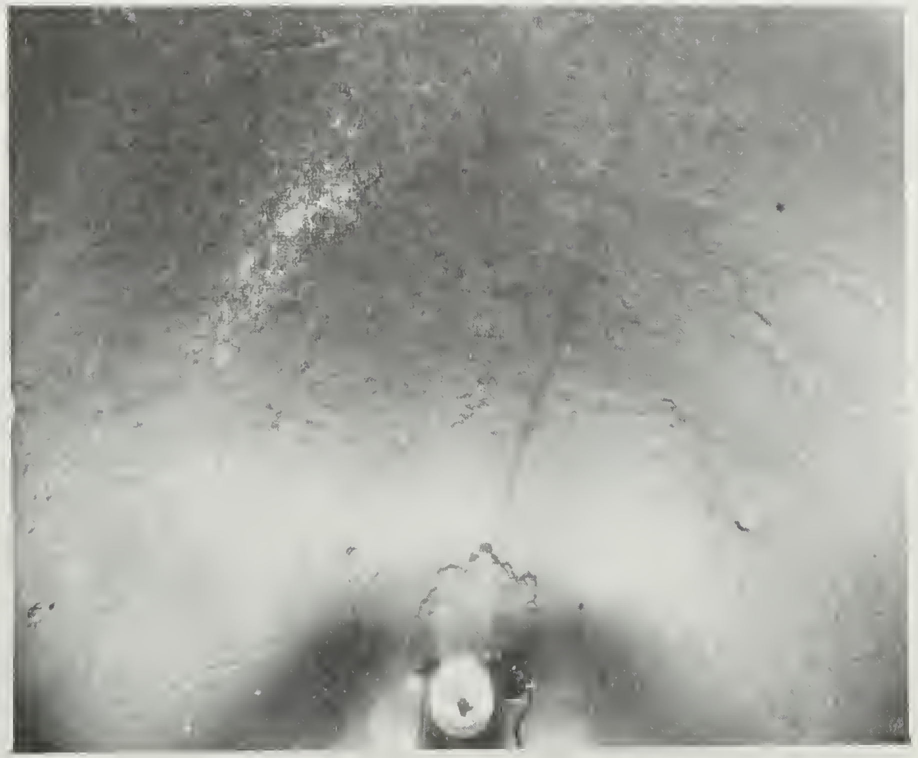
Frame 1



Frame 2

Cruise 14 Ship Sta 39 Camera Sta 27 4202 Meters

Frame 3



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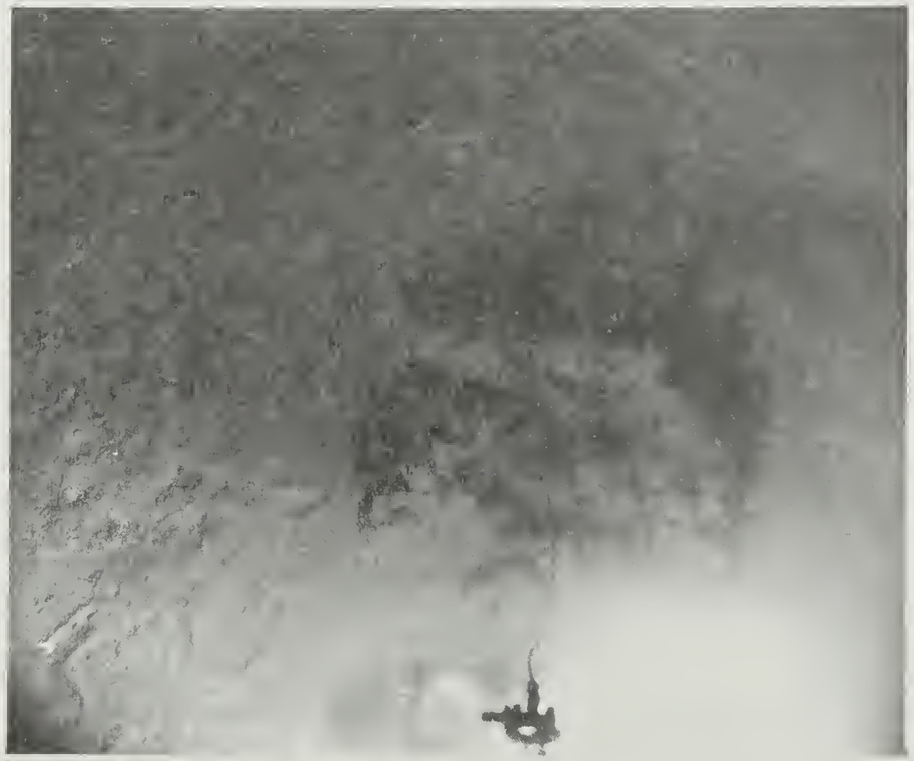

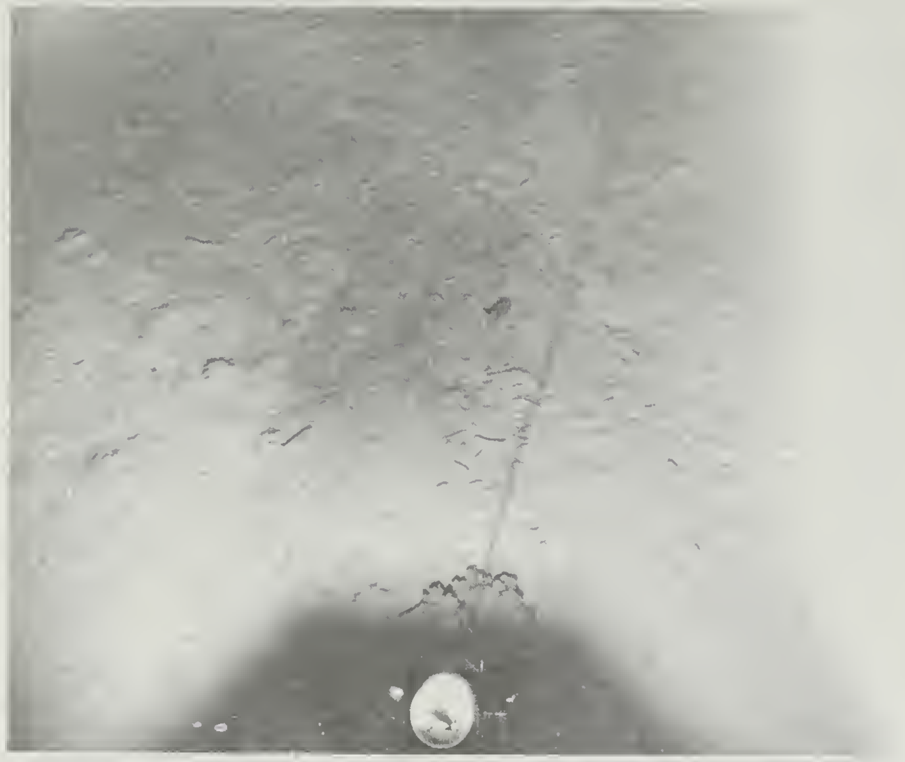

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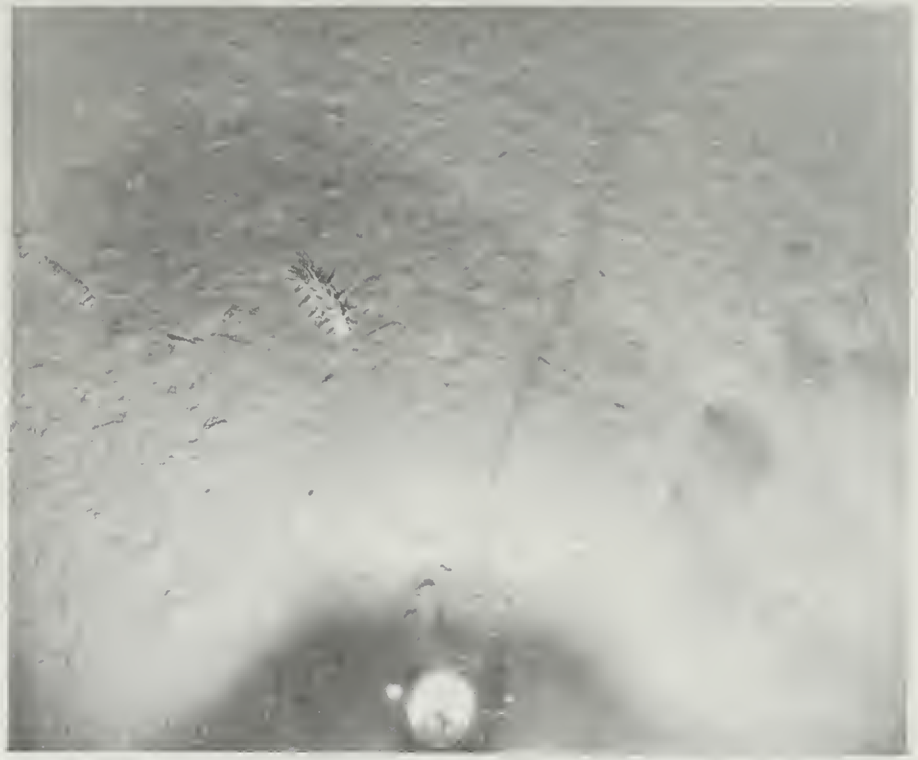

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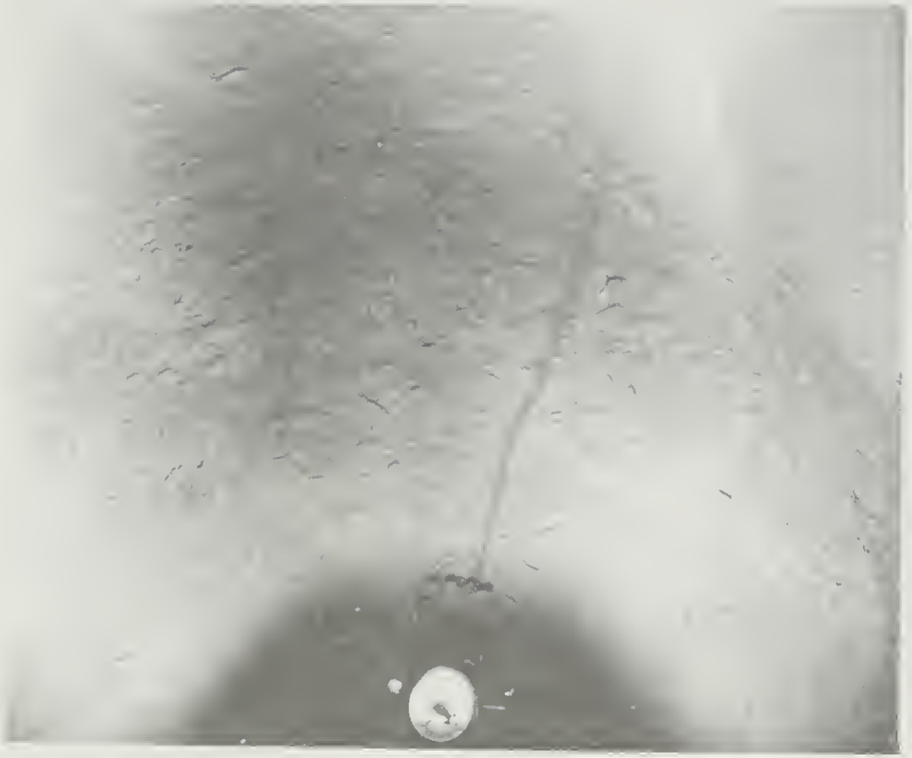
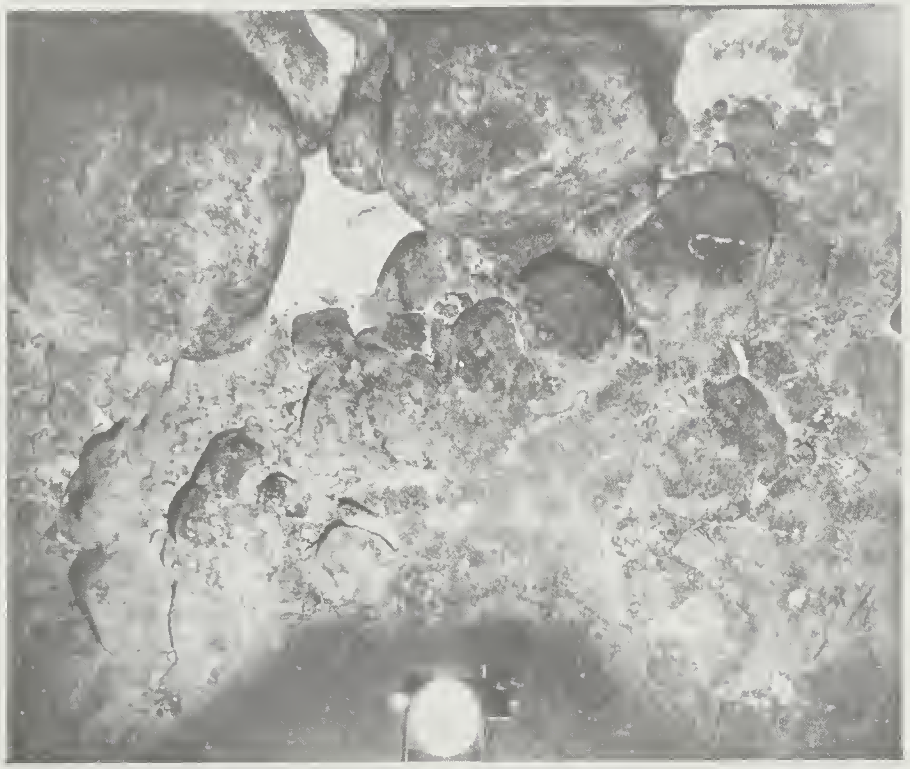
Cruise 44 Ship Sta 41 Camera Sta 29 4473 Meters

Frame 3





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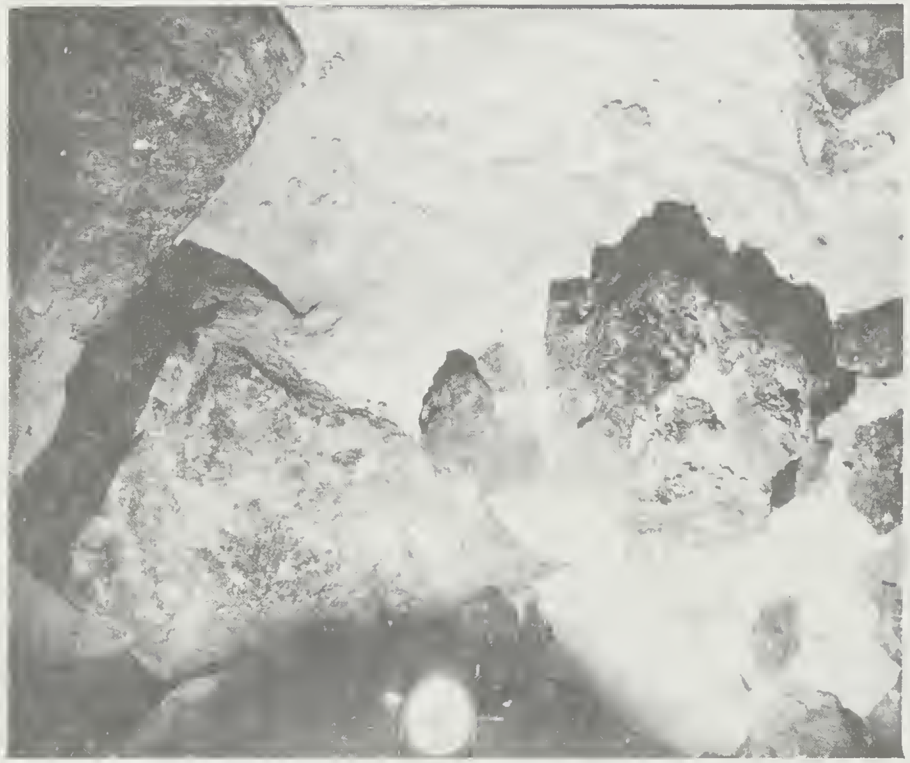
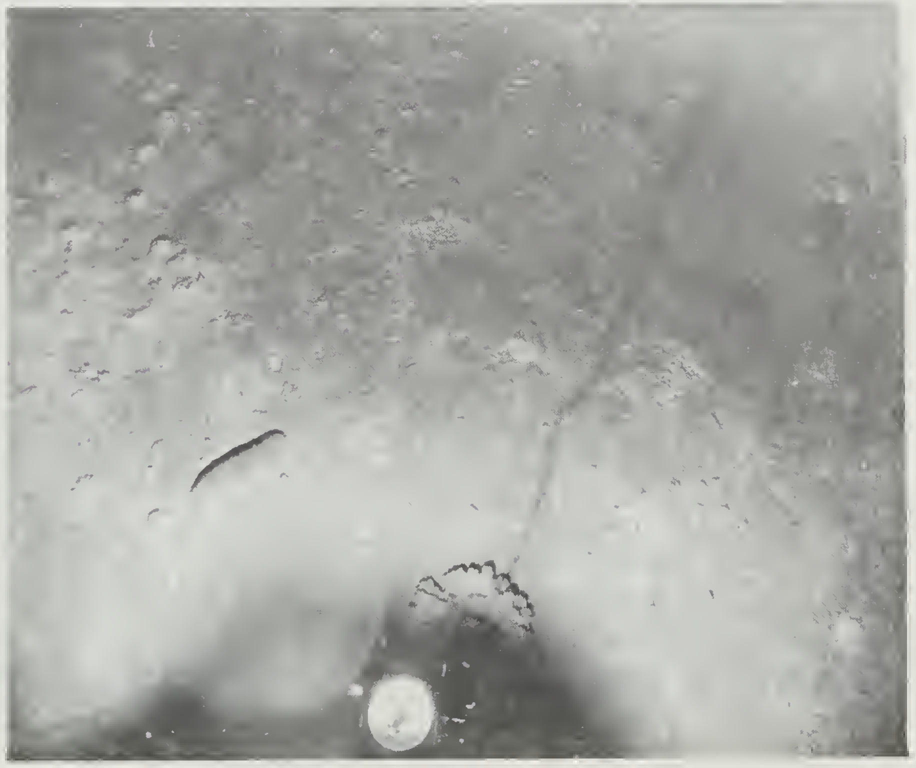


Frame 2

Cruise 44 Ship Sta 45 Camera Sta 31 3410 Meters

Frame 5



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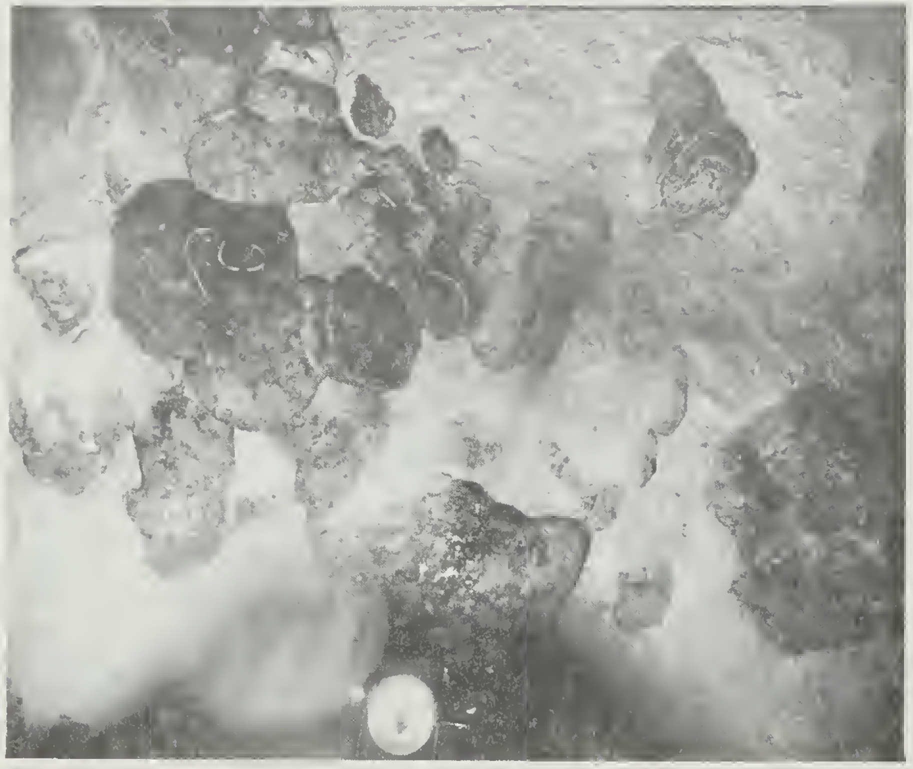

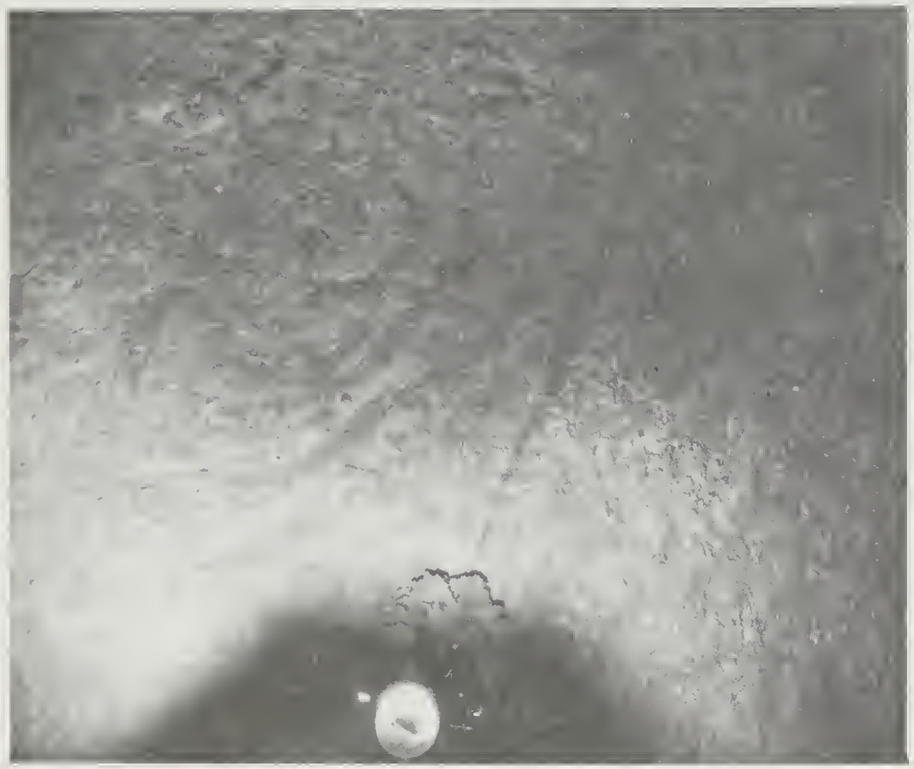

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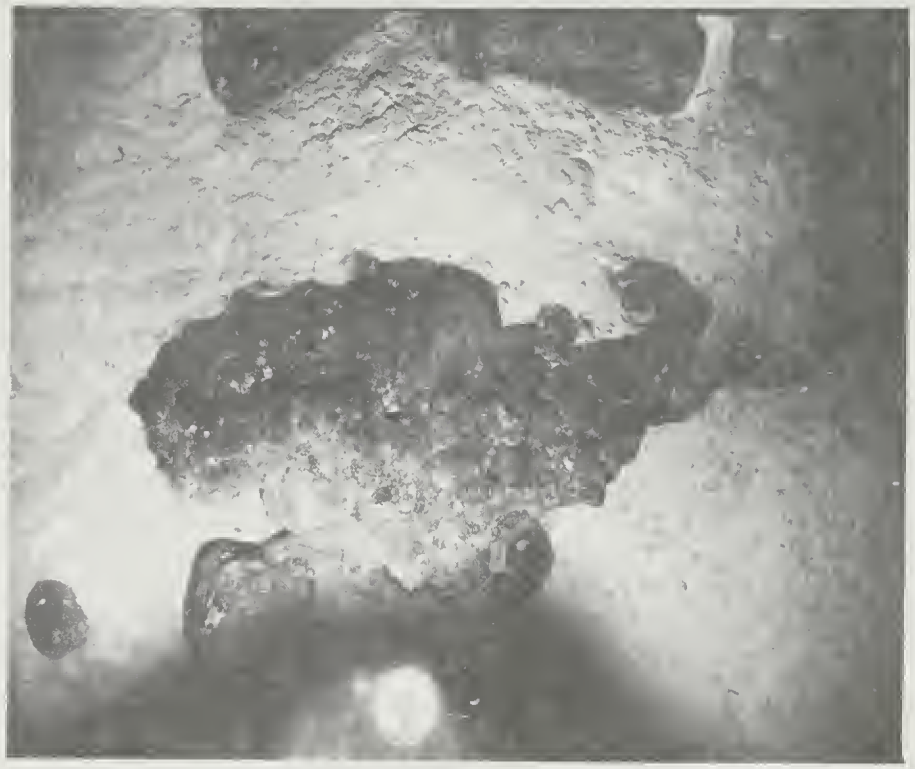

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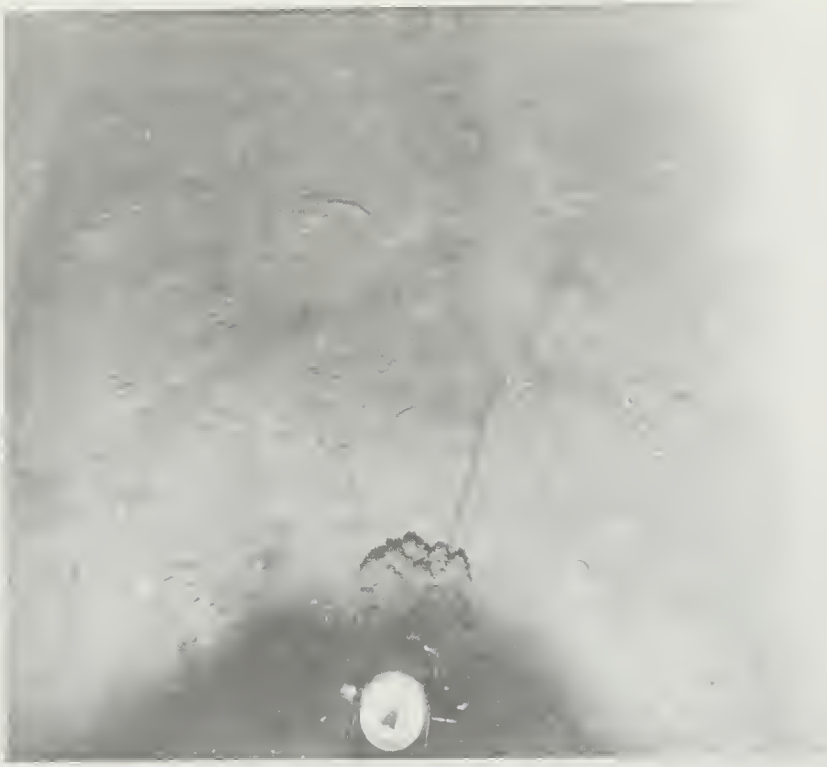
Cruise 44 Ship Sta 45 Camera Sta 31 3810 Meters



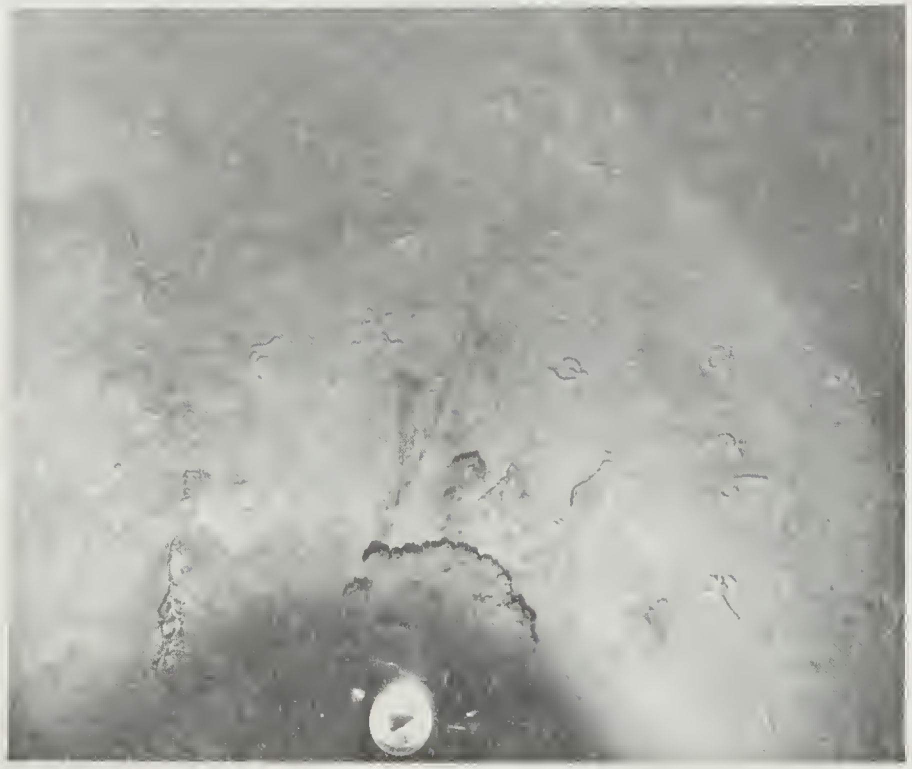
Frame 1

Frame 2

Cruise 44 Ship Sta 46 Camera Sta 32 3759 Meters

Frame 3

Frame 5



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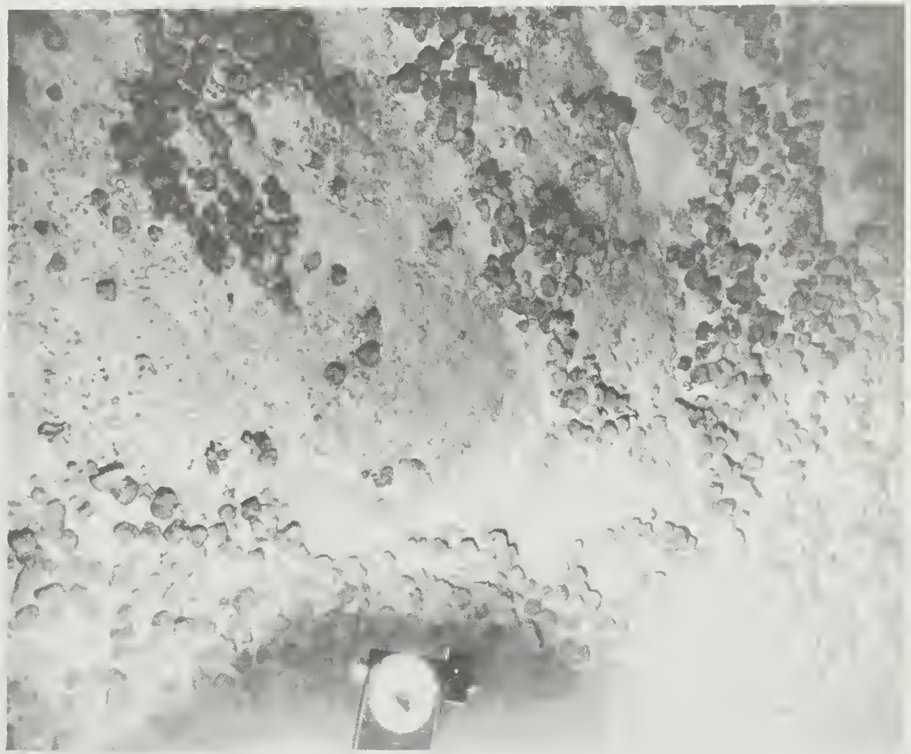
Frame 8

Cruise 44 Ship Sta 46 Camera Sta 32 3750 Meters



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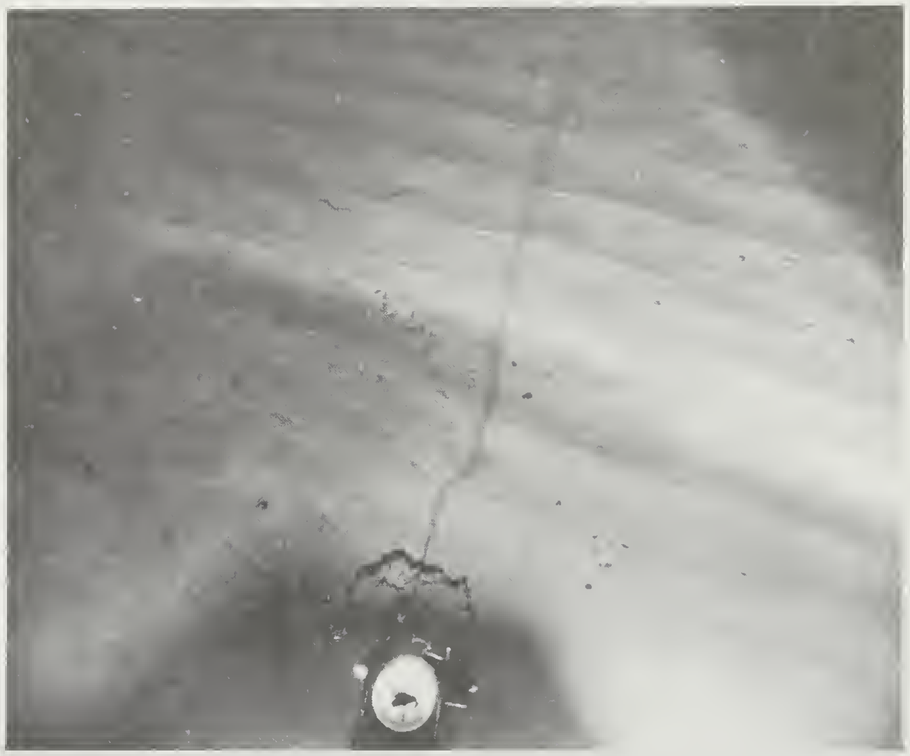
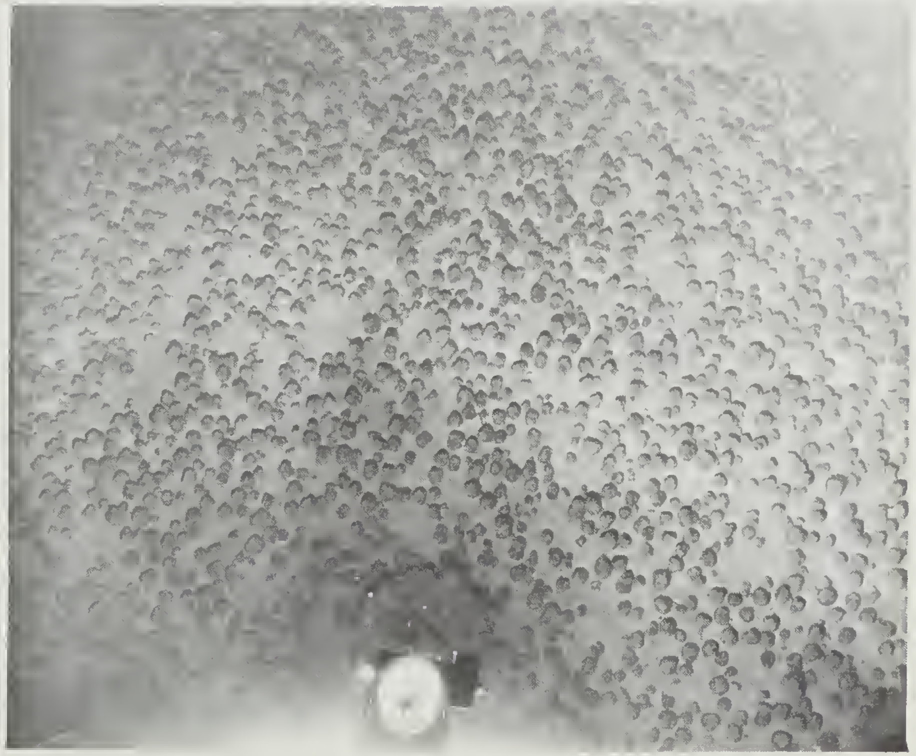


Frame 2

Cruise 44 Ship Sta 48 Camera Sta 33 4207 Meters

Frame 4



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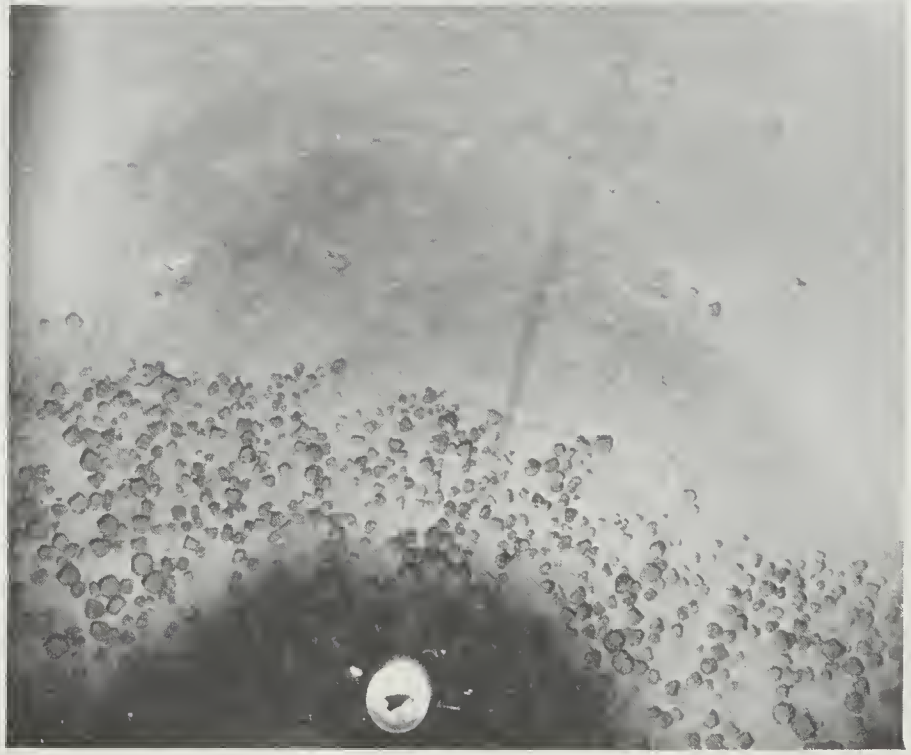

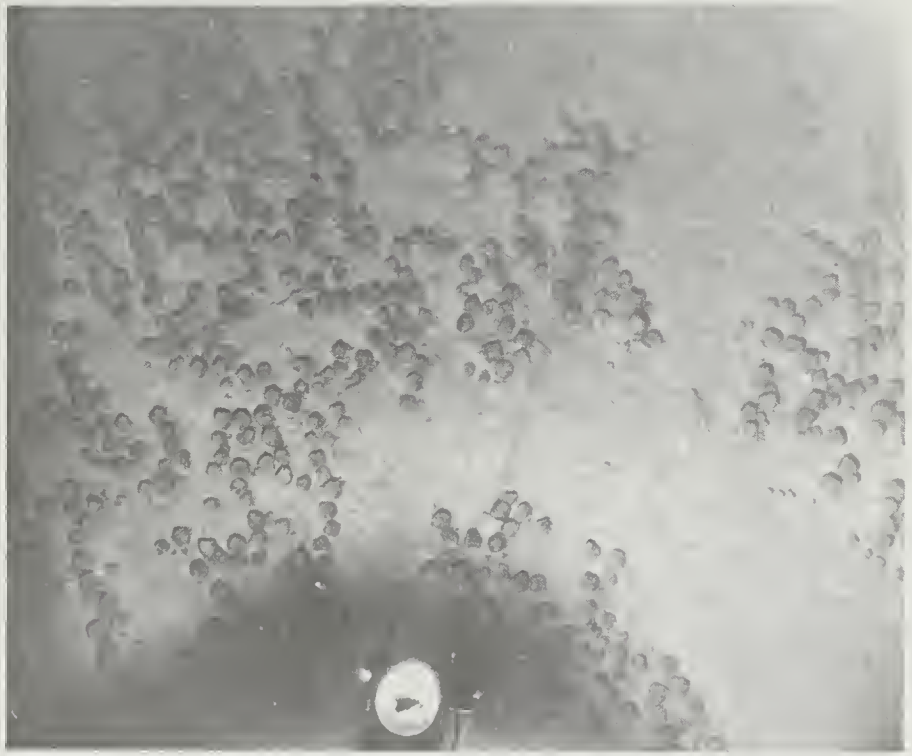

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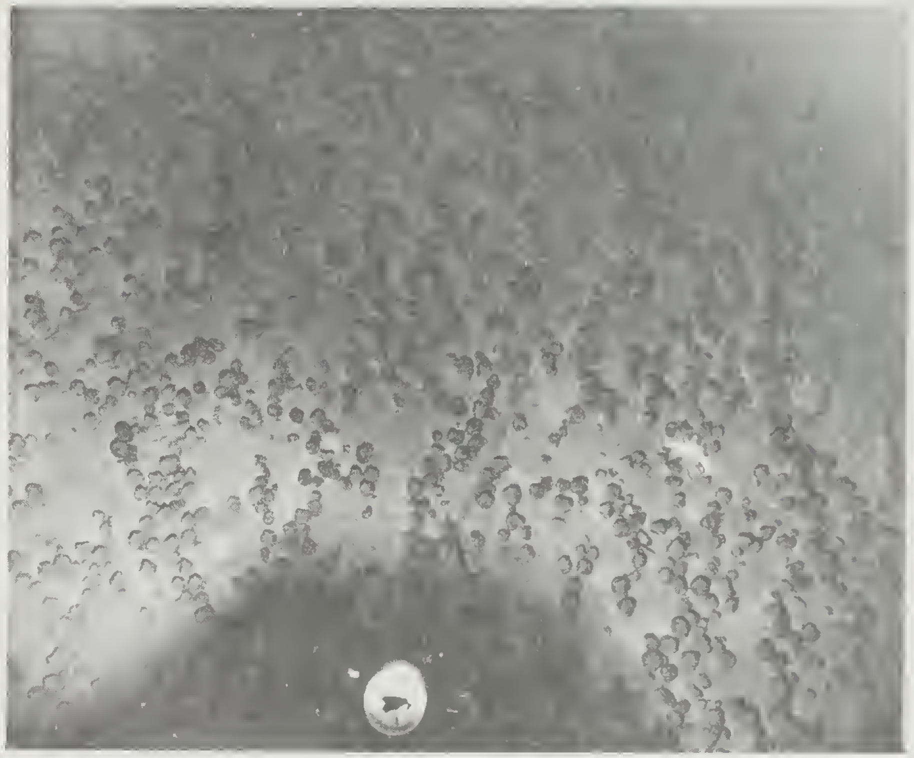
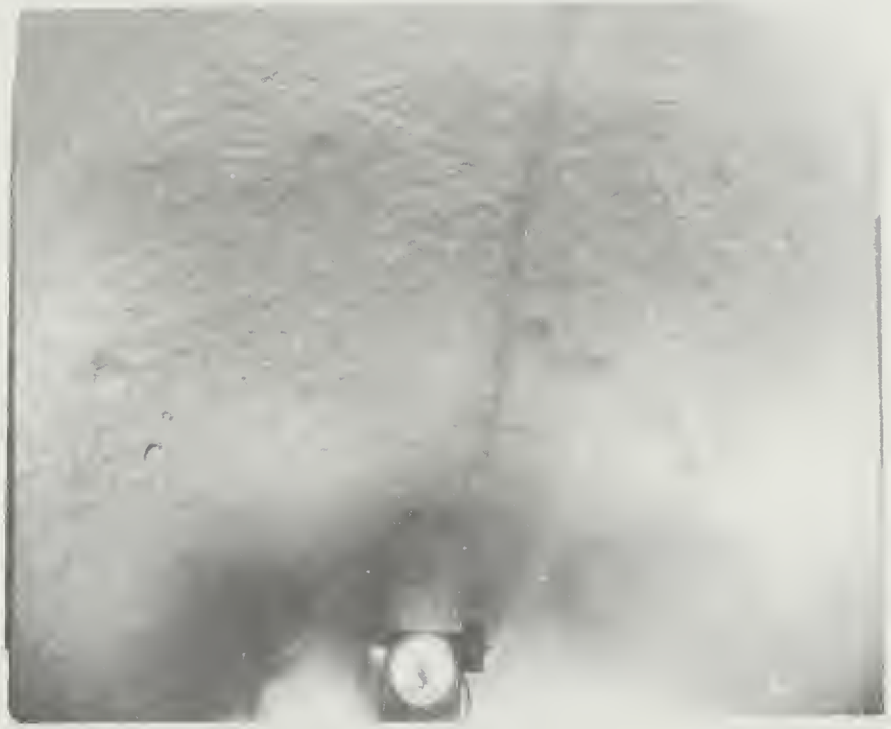


Frame 10

Cruise 44 Ship Sta 48 Camera Sta 33 4207 Meters

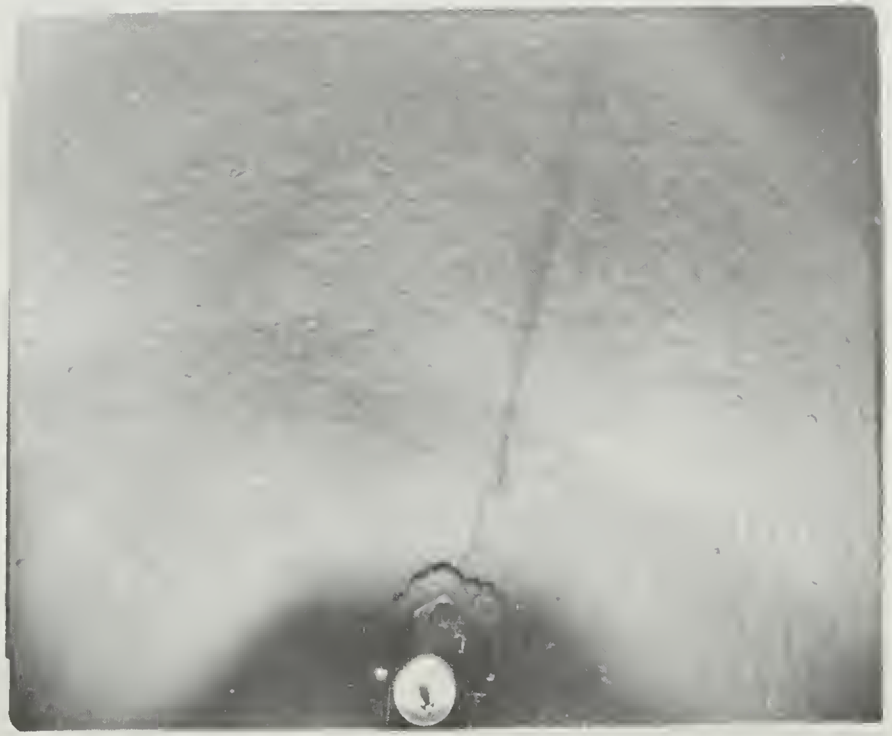


Frame 1

Frame 5

Cruise 45 Ship Sta I Camera Sta I 5528 Meters

Frame 8



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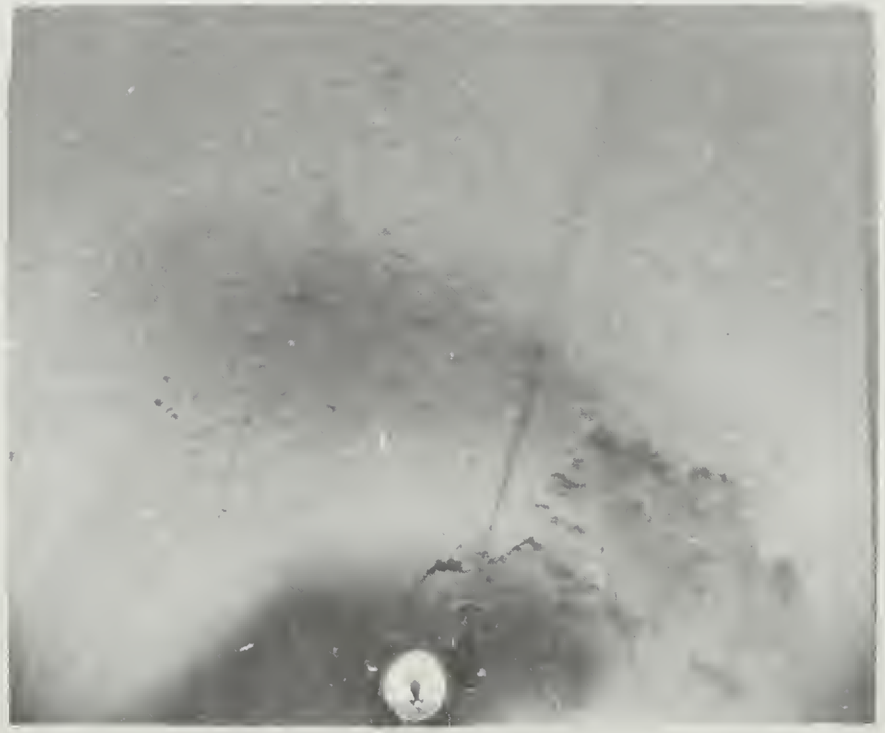
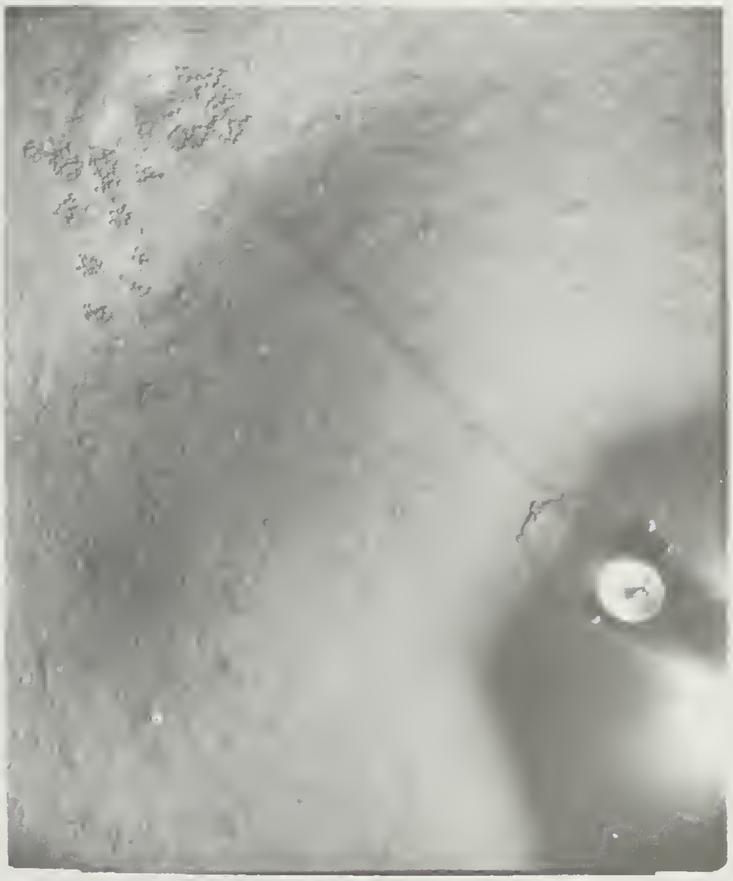


Frame 9

Frame 13

Cruise 45 Ship Sta 5 Camera Sta 3 3142 Meters



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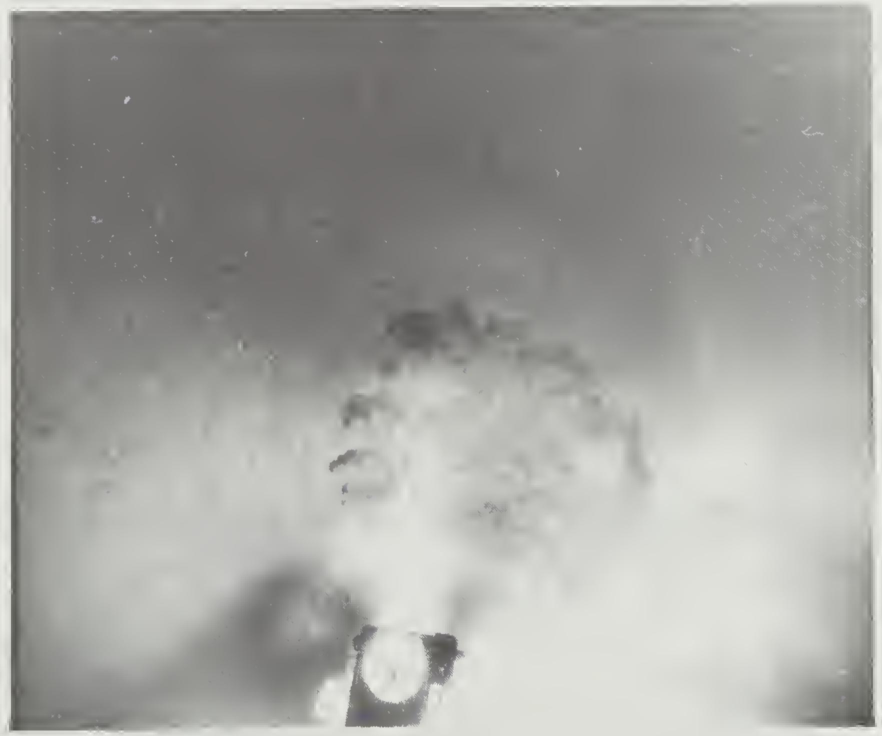
Frame 21



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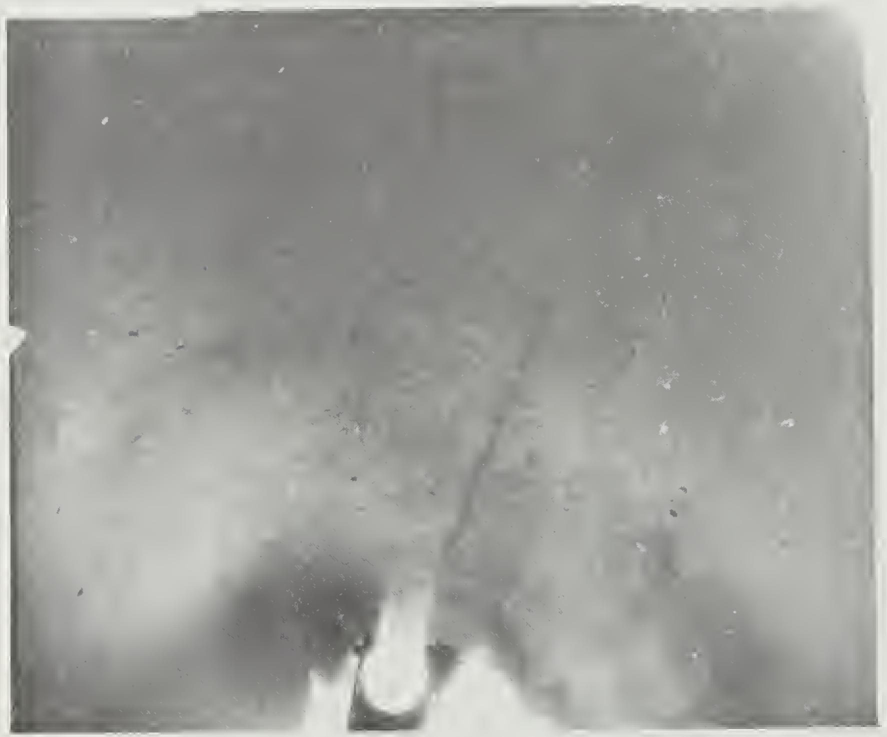

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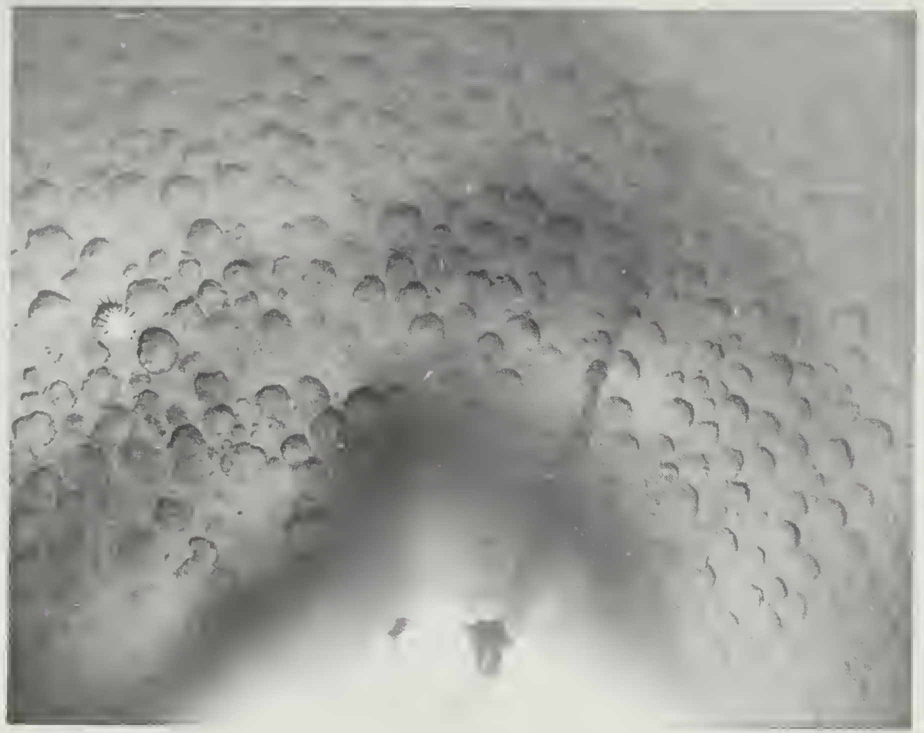
Cruise 45 Ship Sta 7 Camera Sta 4 5032 Meters



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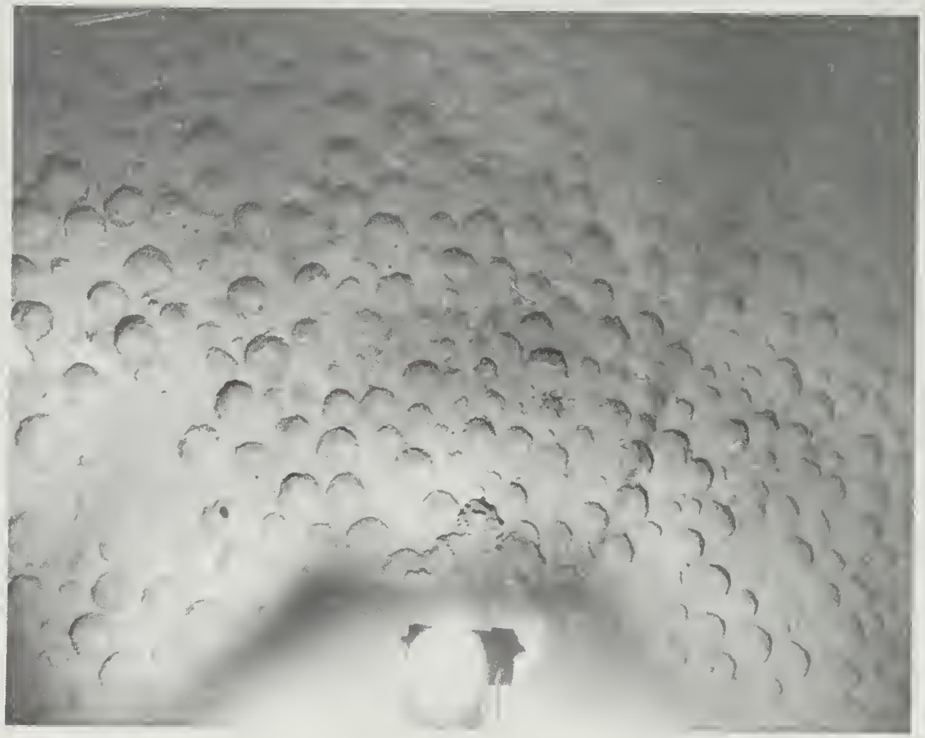
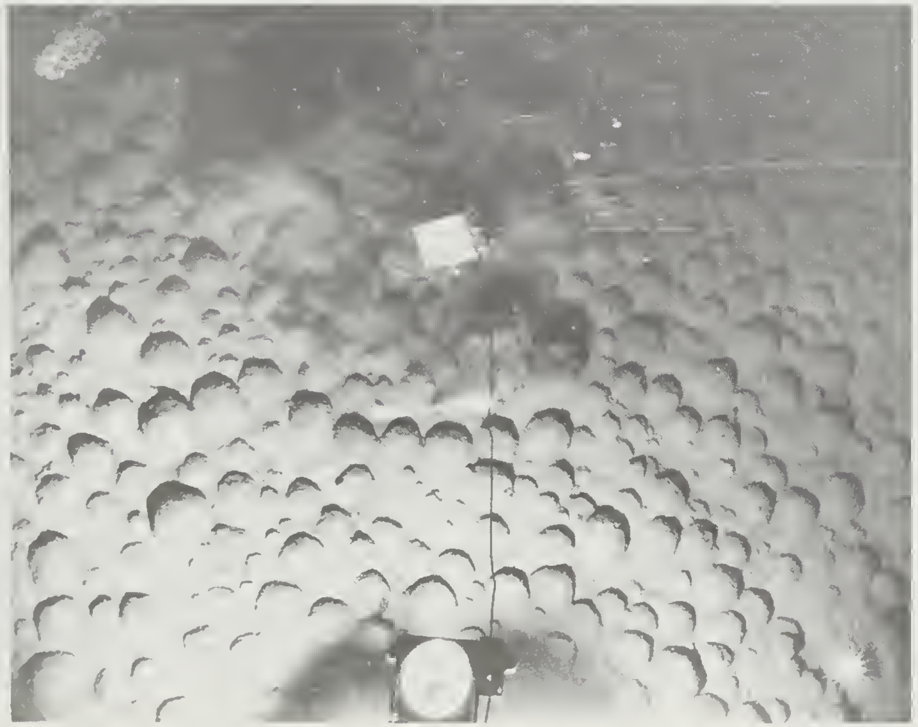


Frame 8

Cruise 45 Ship Sta 8 Camera Sta 5 5680 Meters

Frame 14



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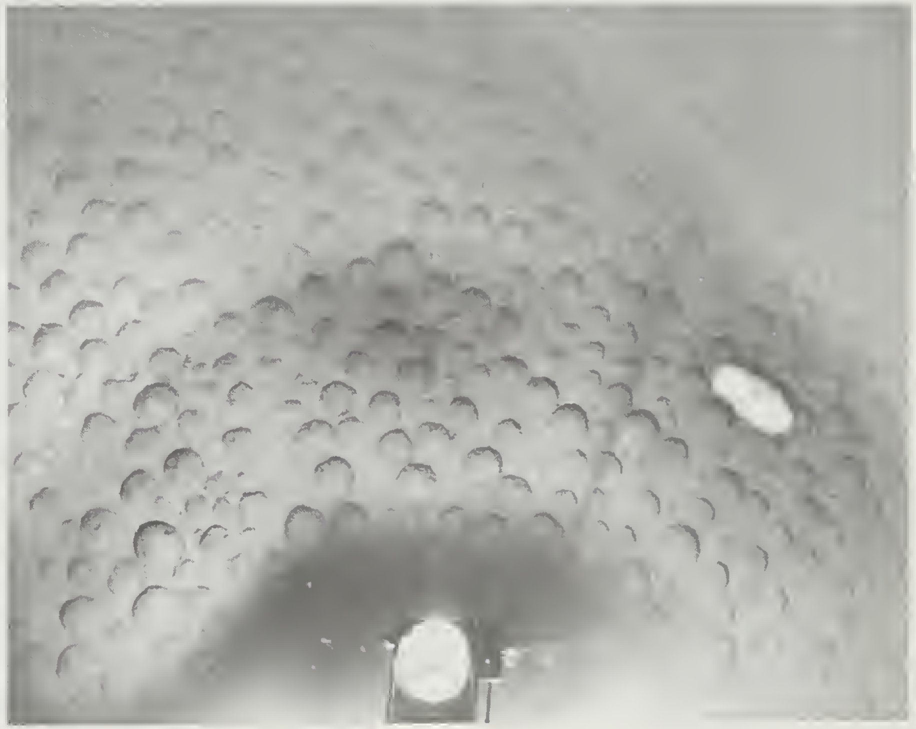

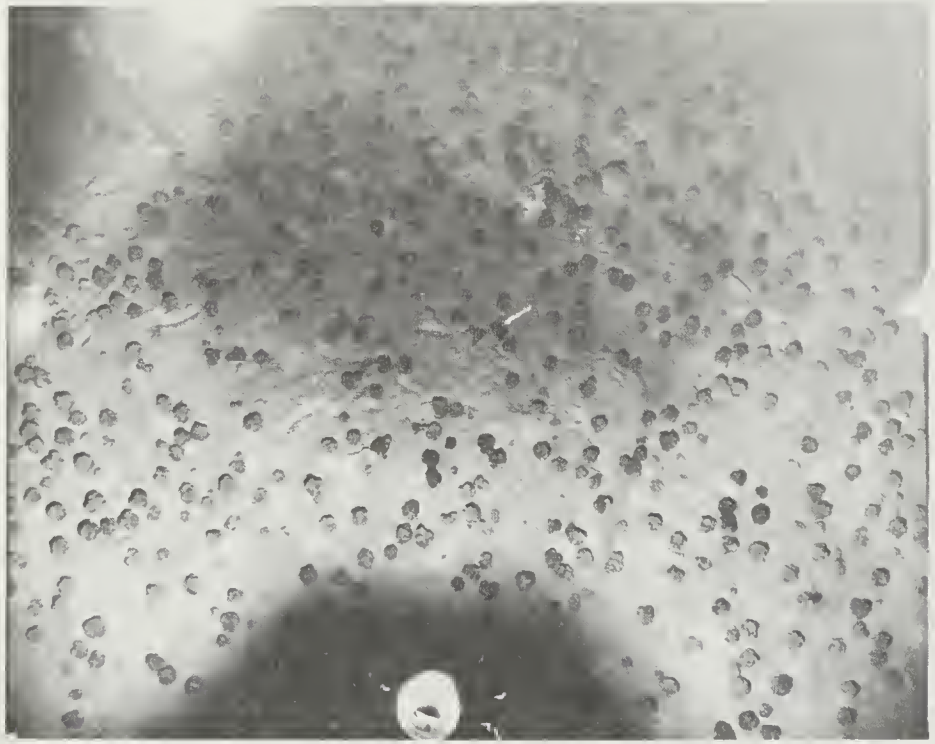

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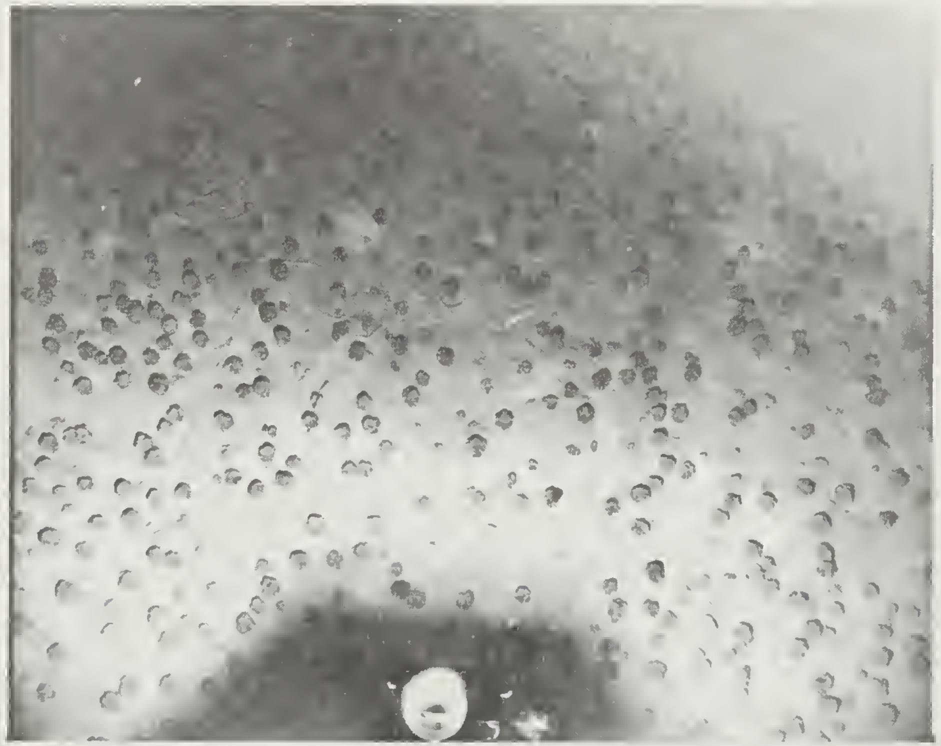
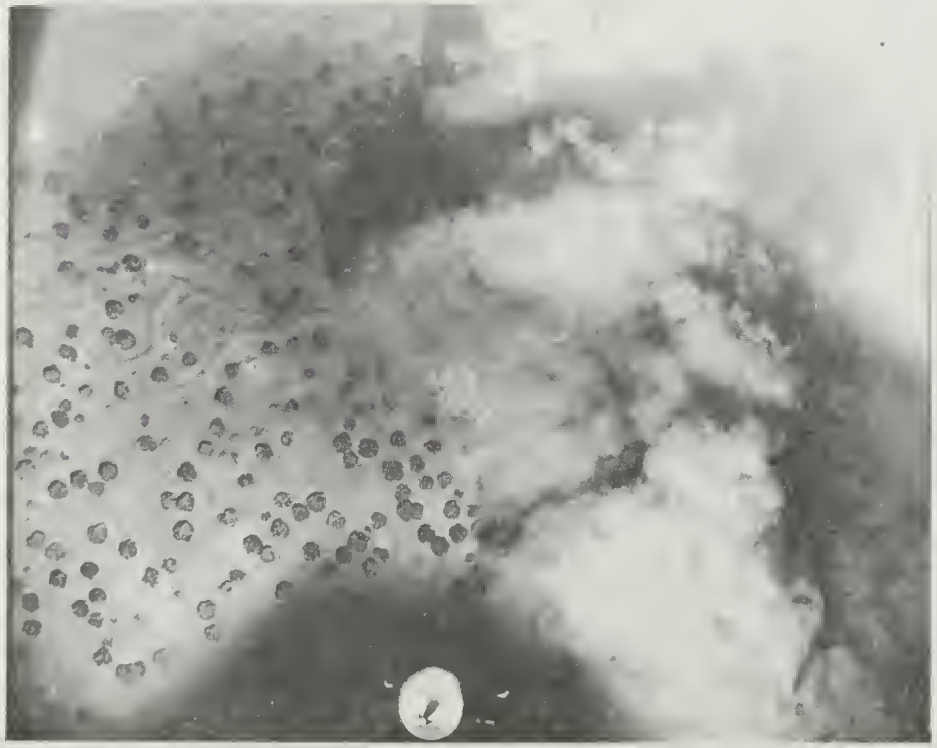


Frame 5

Cruise 45 Ship Sta 9 Camera Sta 6 4458 Meters

Frame 12



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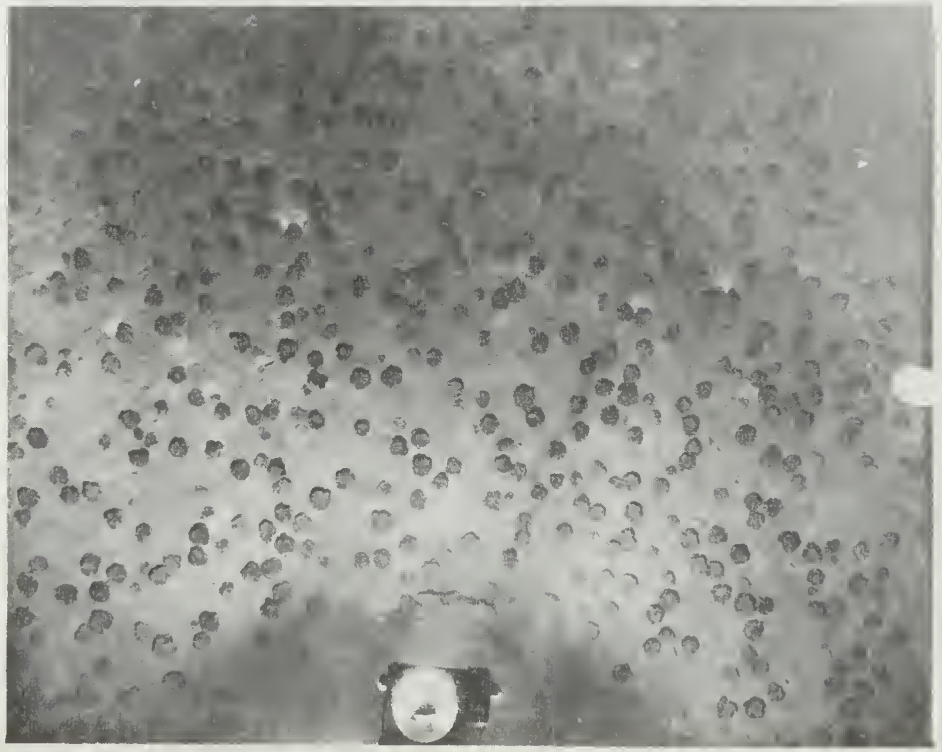

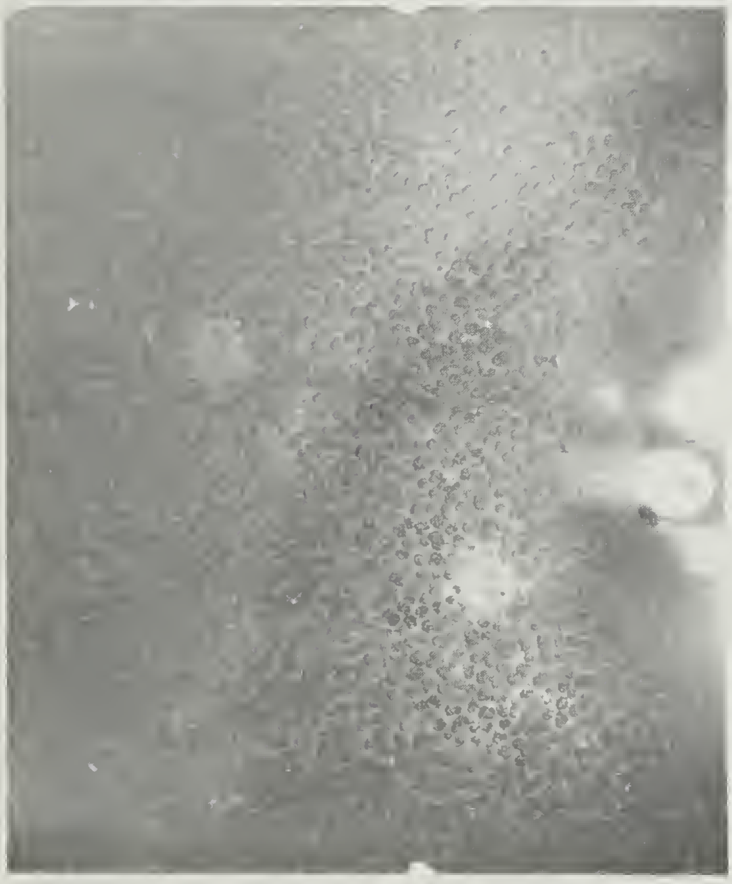

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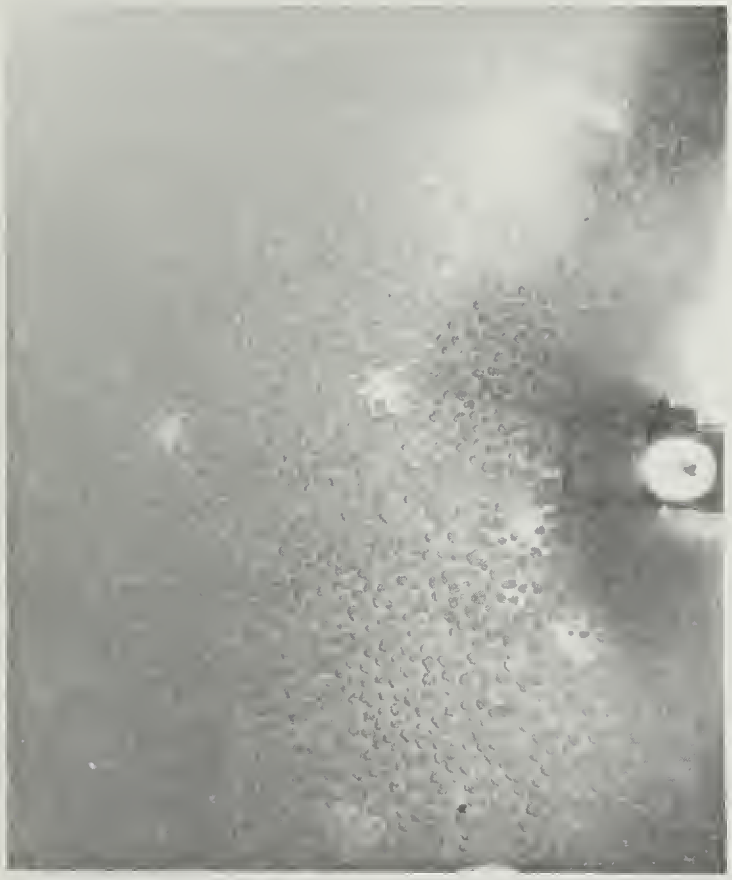
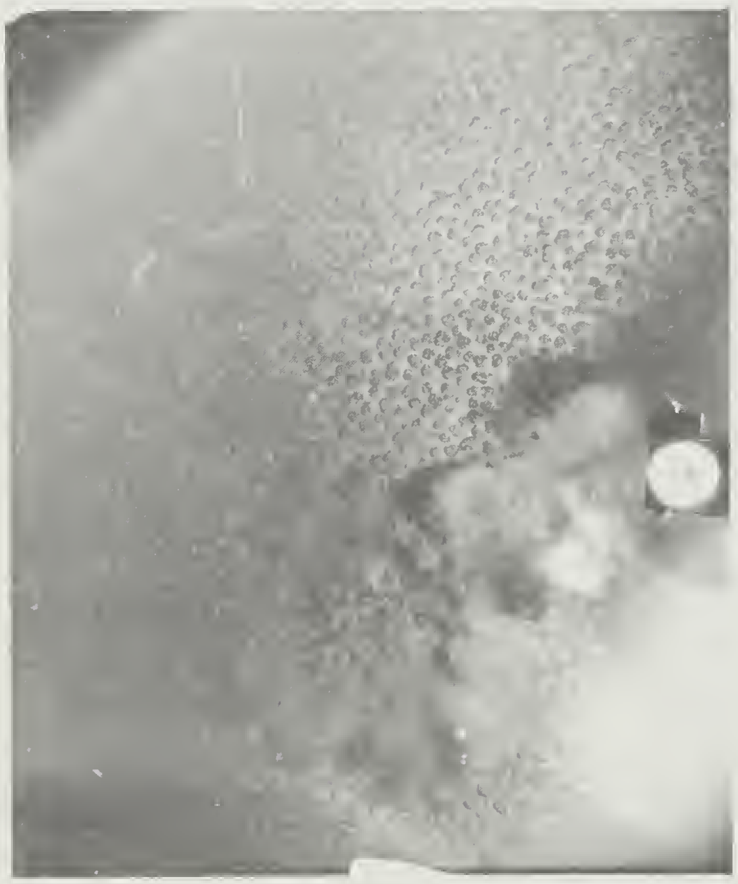


Frame 7

Cruise 45 Ship Sta 10 Camera Sta 7 4765 Meters



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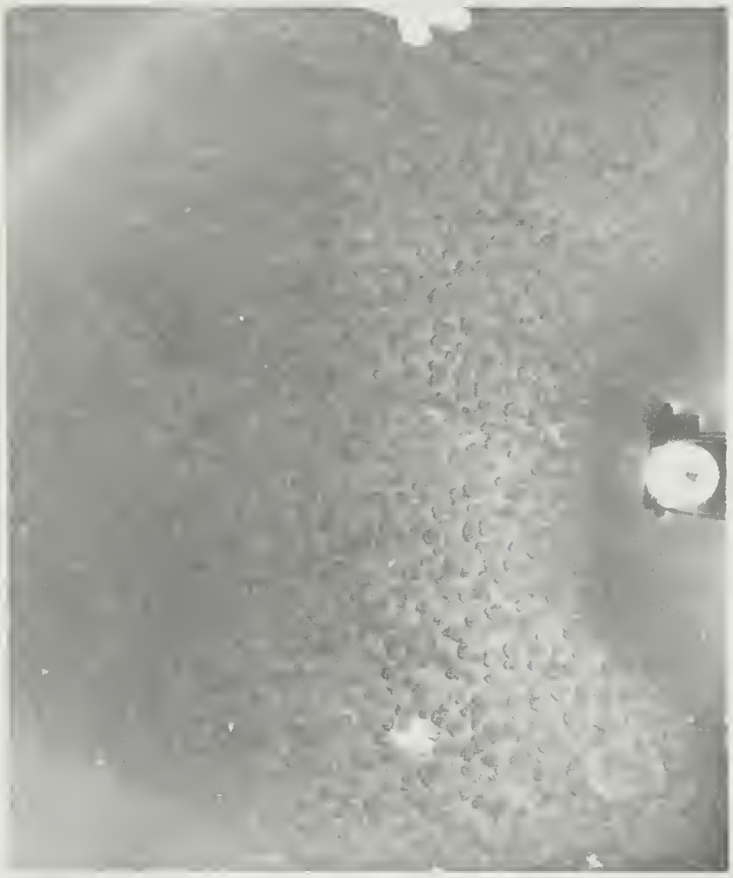

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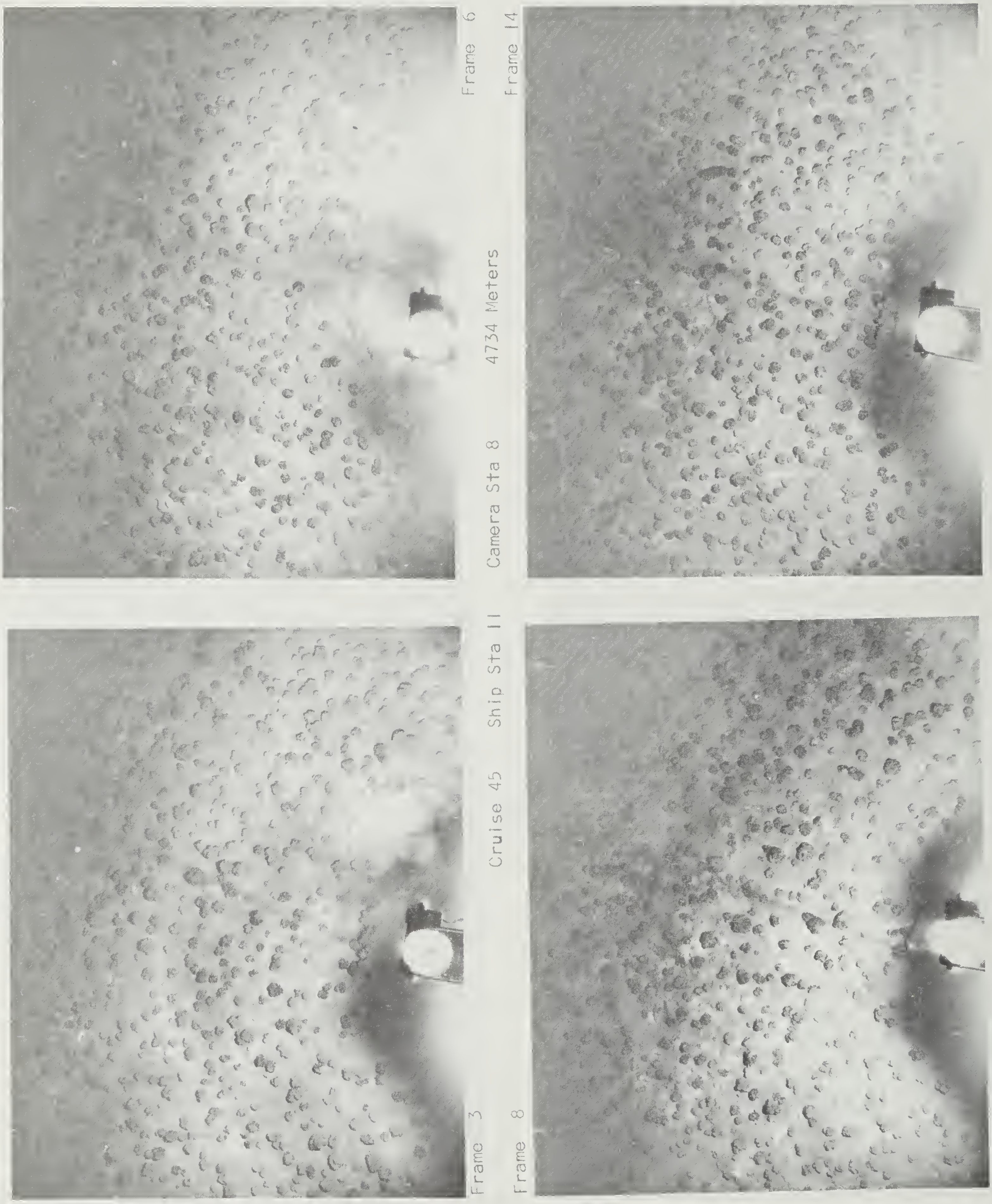


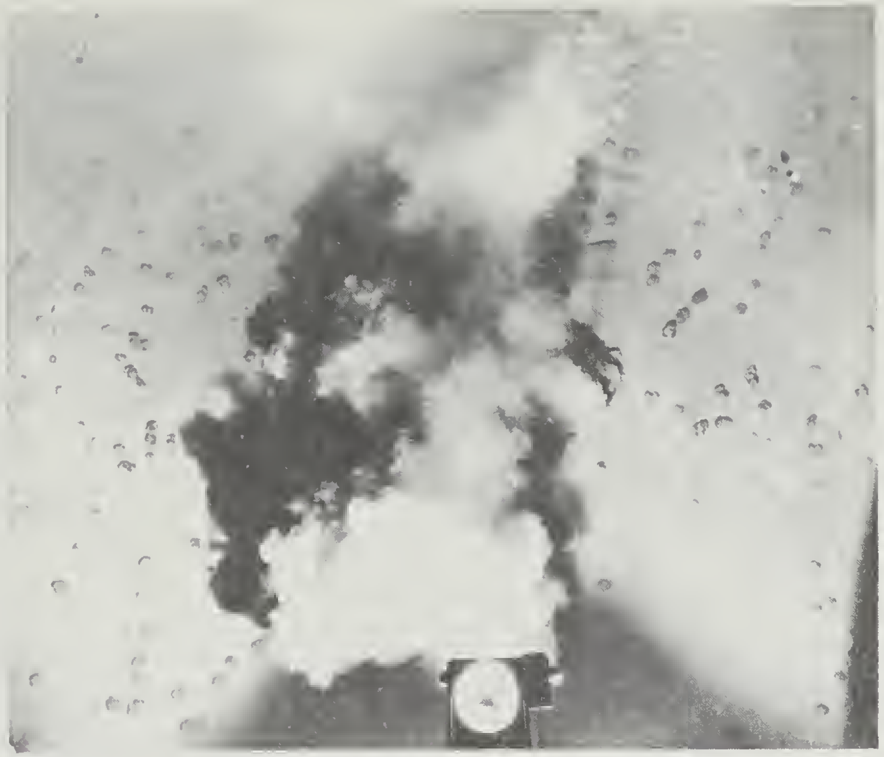
Cruise 45 Ship Sta 11 Camera Sta 8 4734 Meters

Frame 6

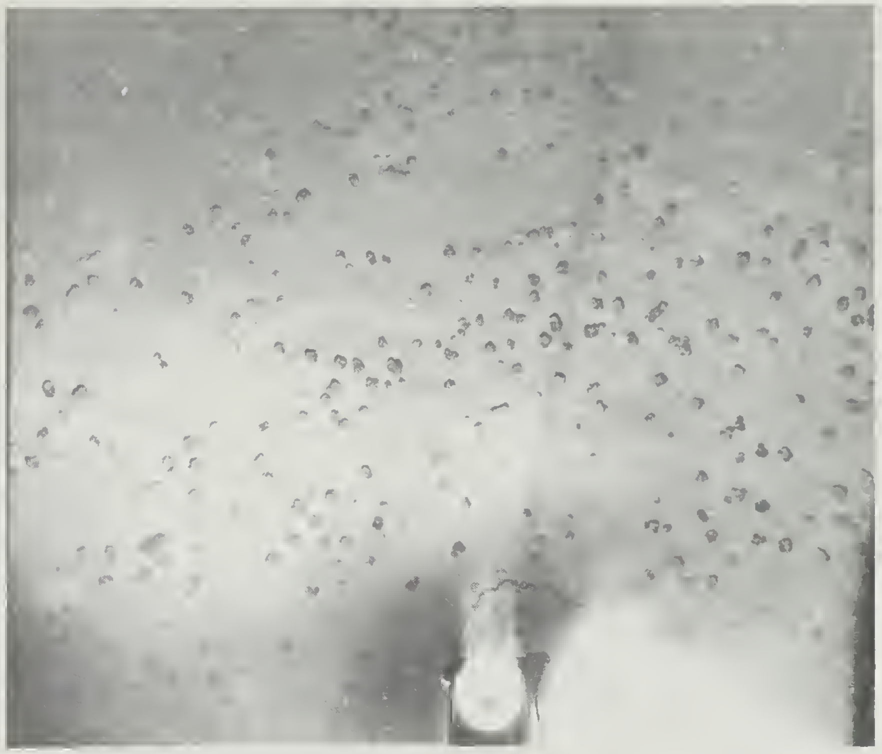
Frame 14

Frame 3

Frame 8



Frame 2



Frame 9

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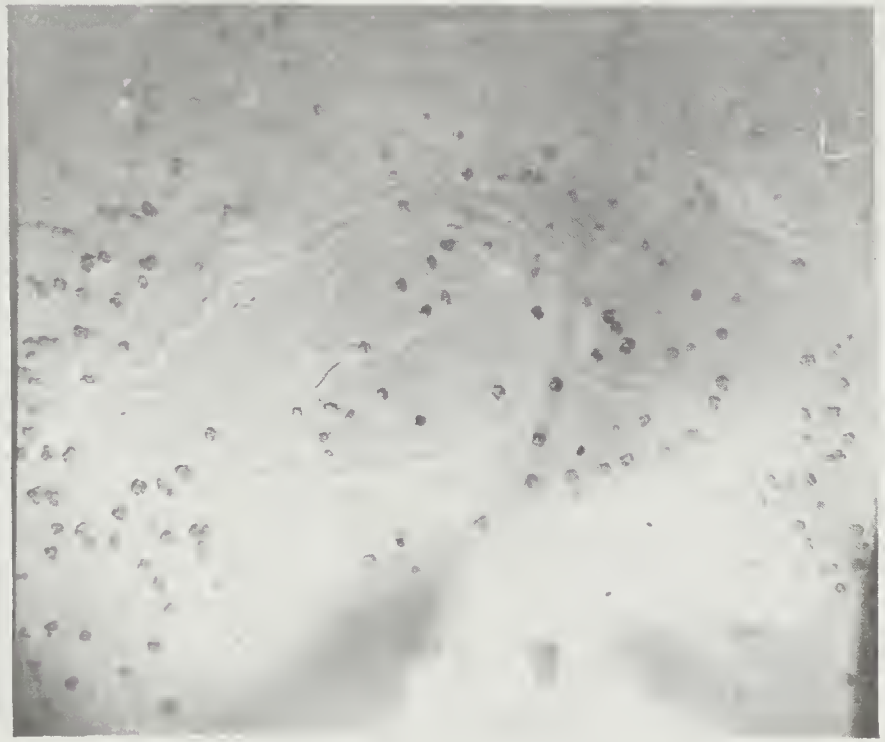

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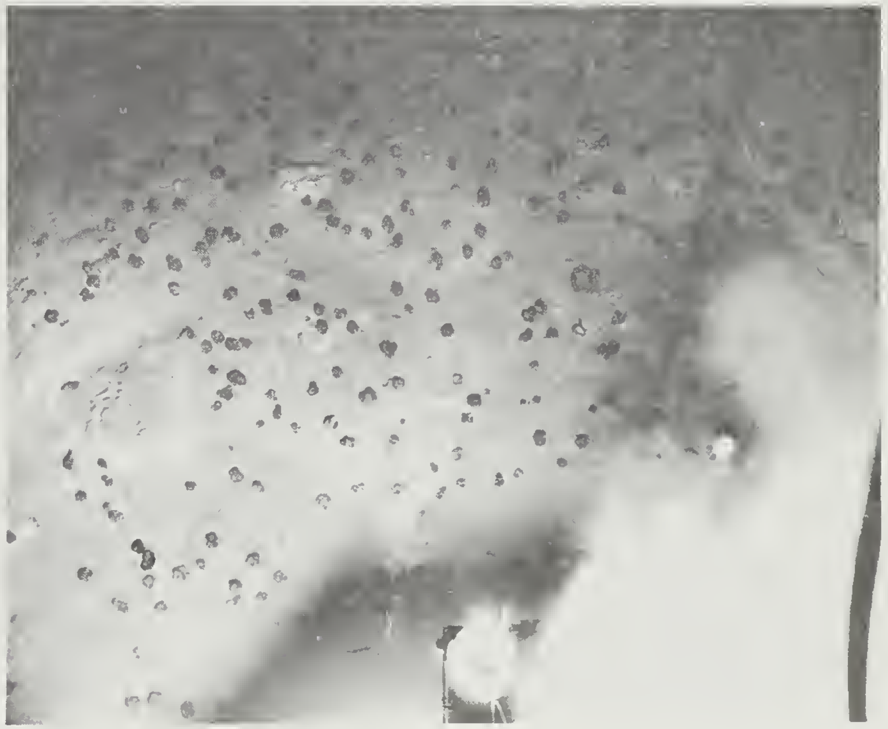

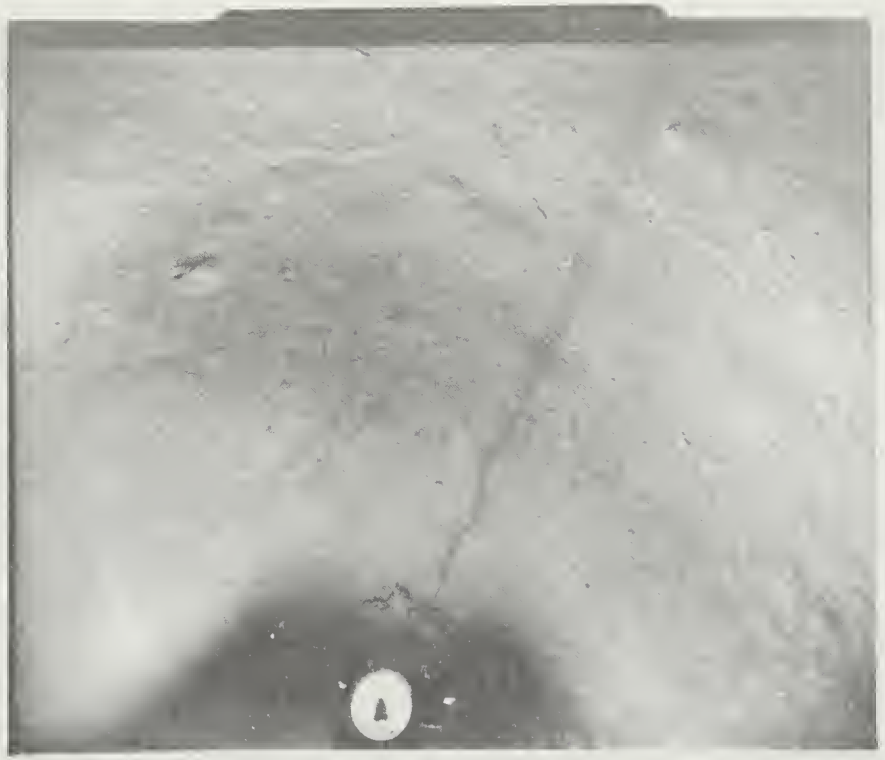

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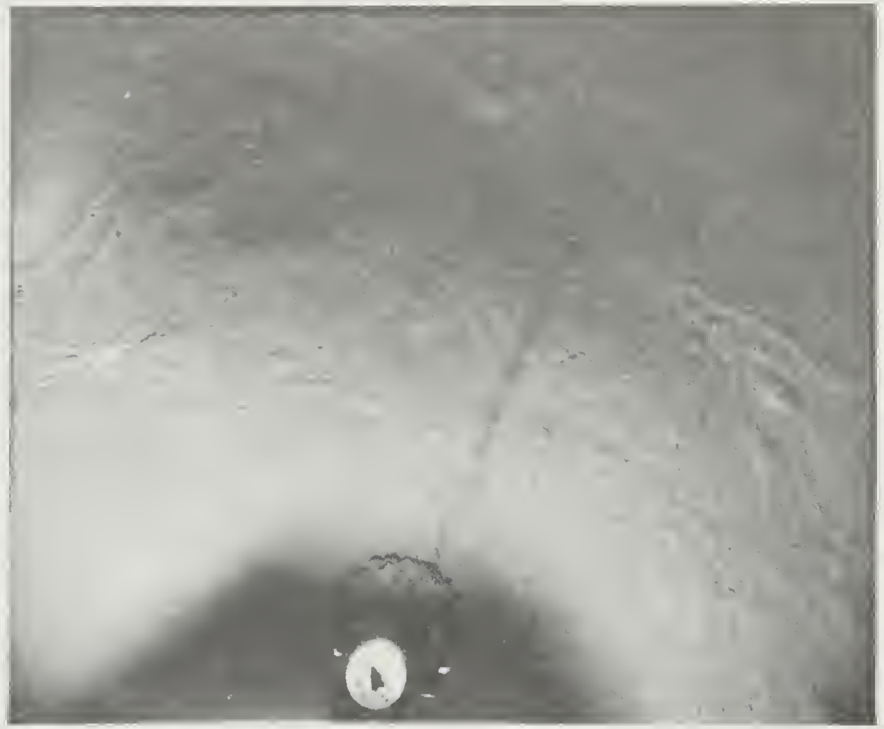
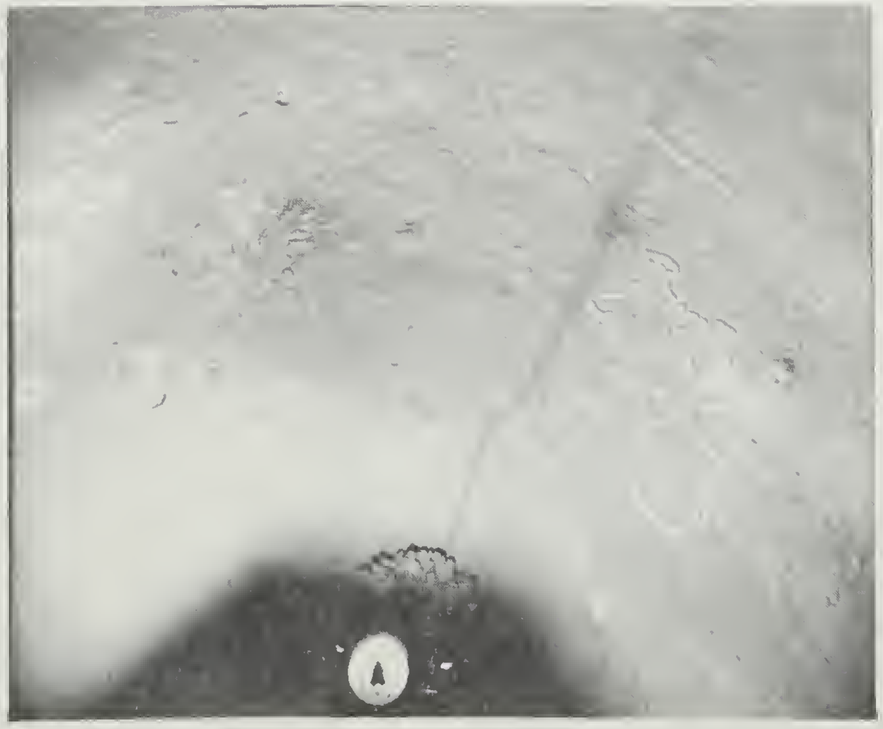


Frame 6

Cruise 45 Ship Sta 13 Camera Sta 10 4112 Meters

Frame 9



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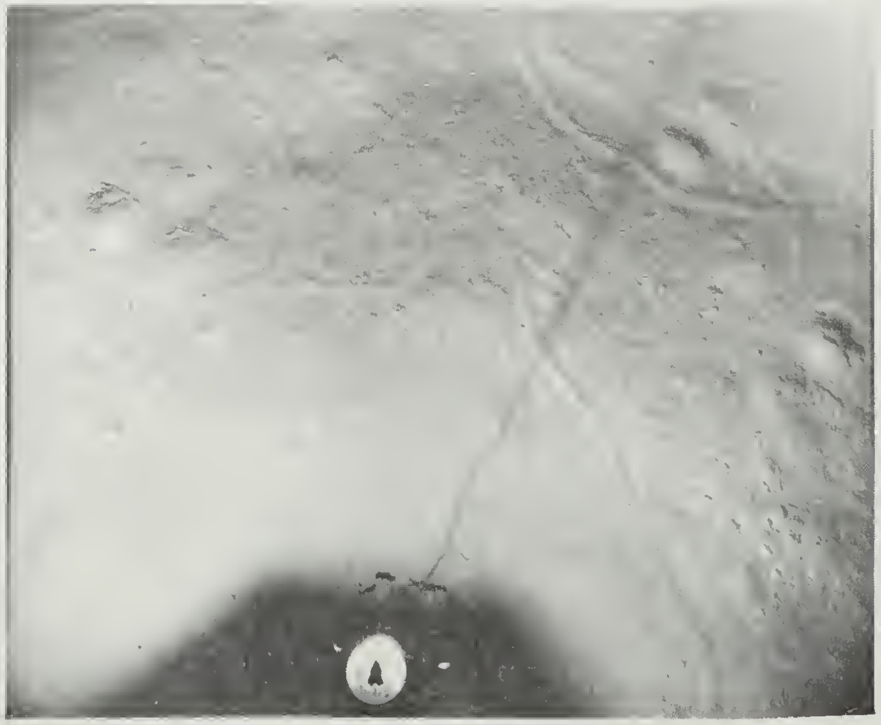

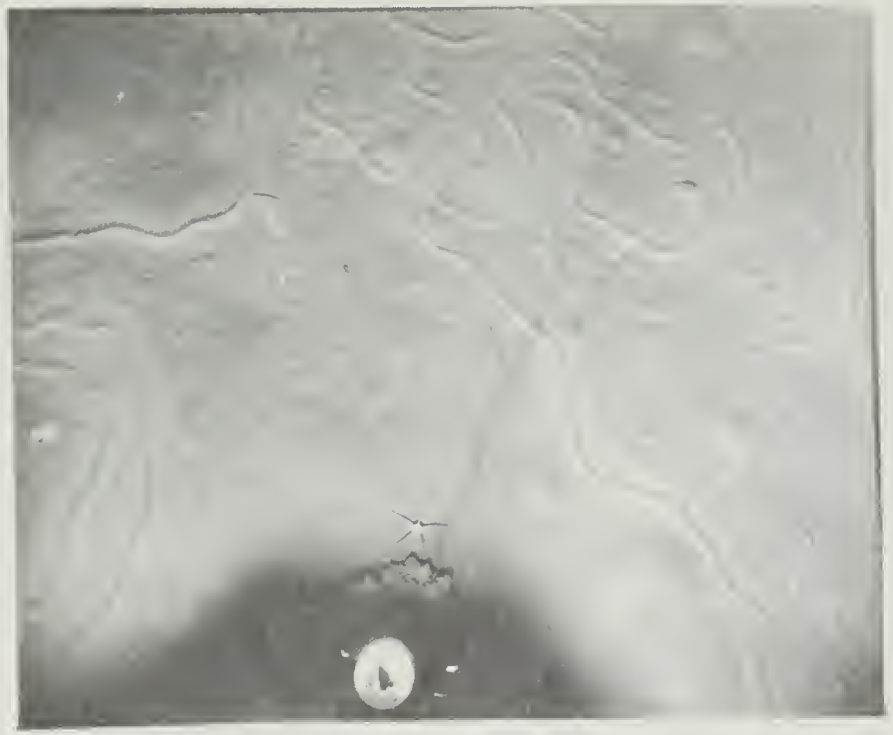

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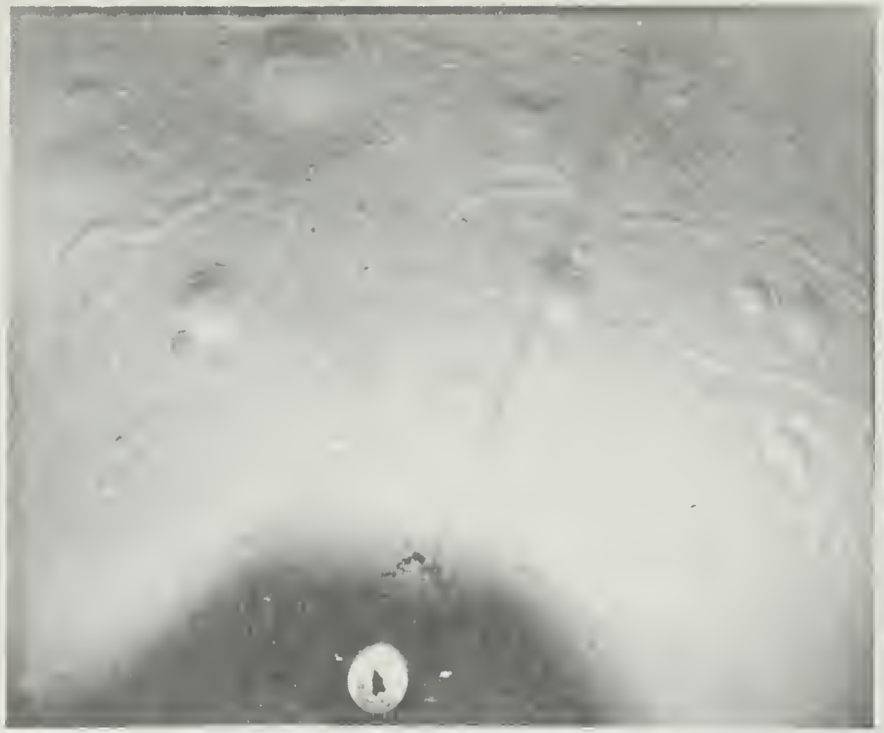

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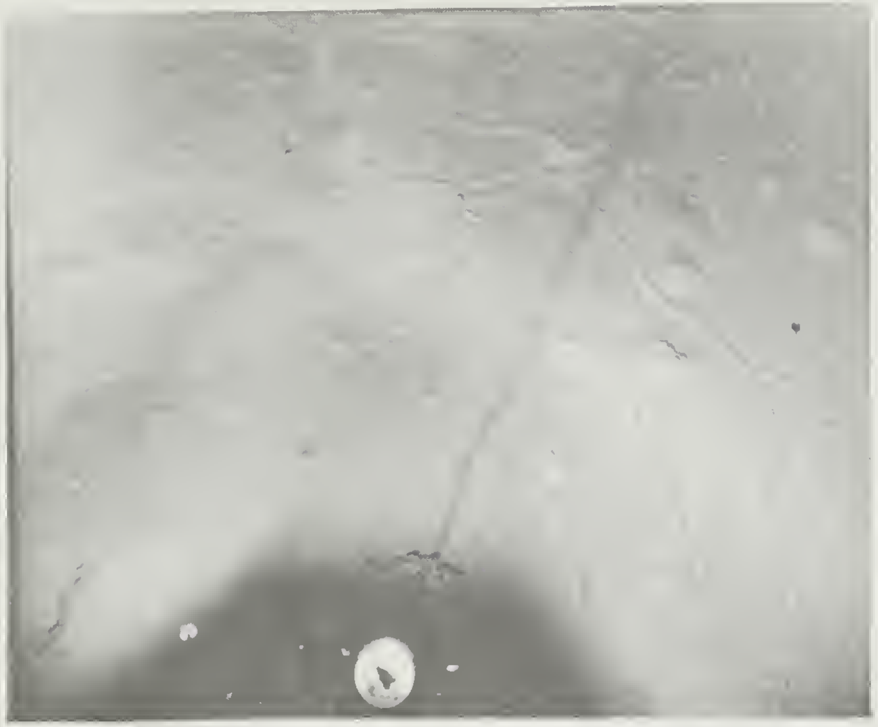

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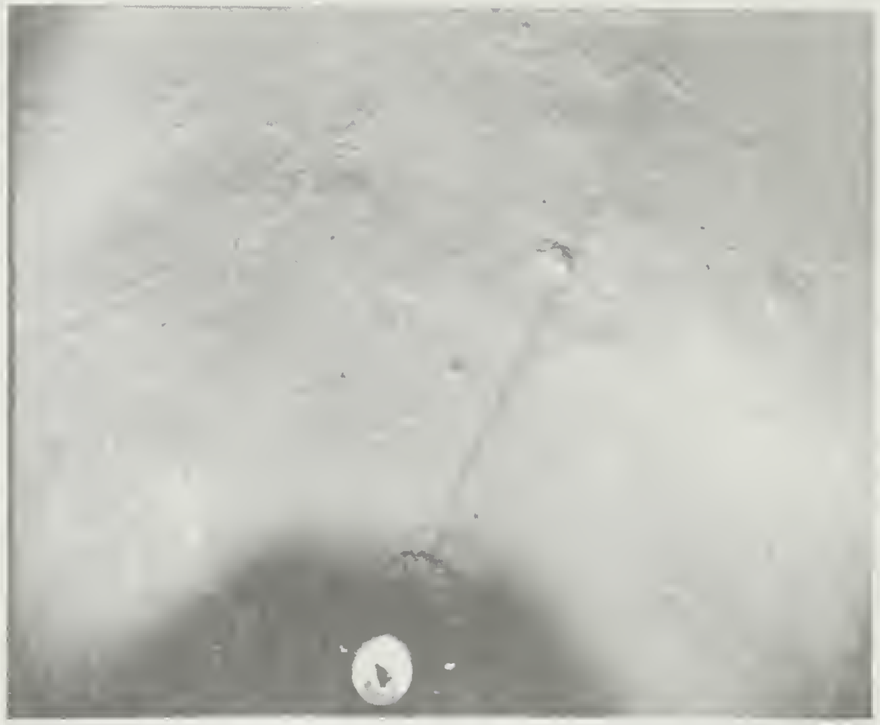
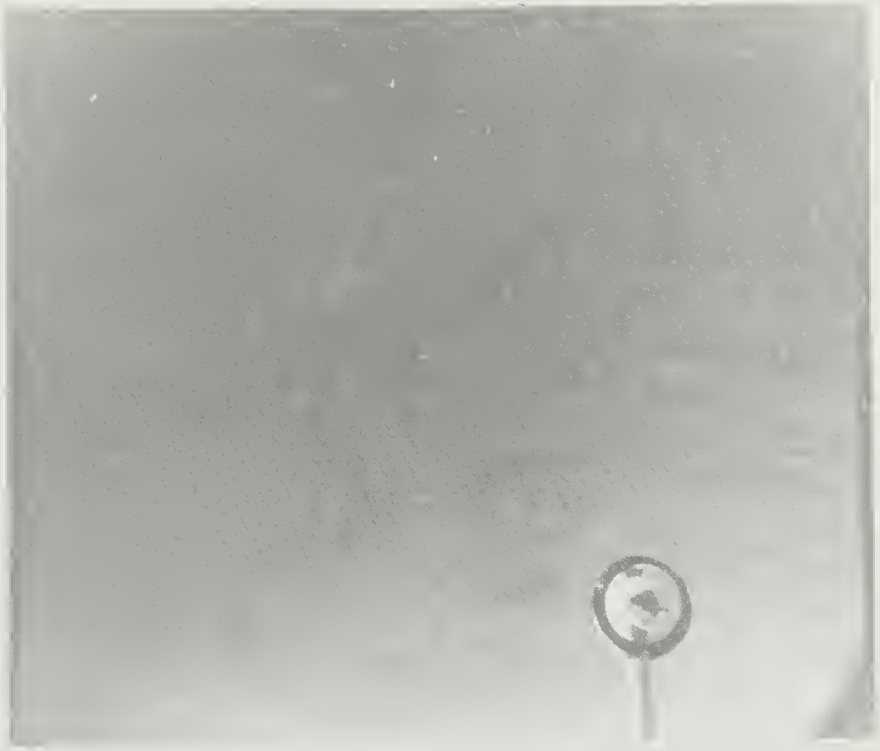




Frame 6

Frame 10

Cruise 45 Ship Sta 16 Camera Sta 12 3715 Meters

Frame 18

Frame 21

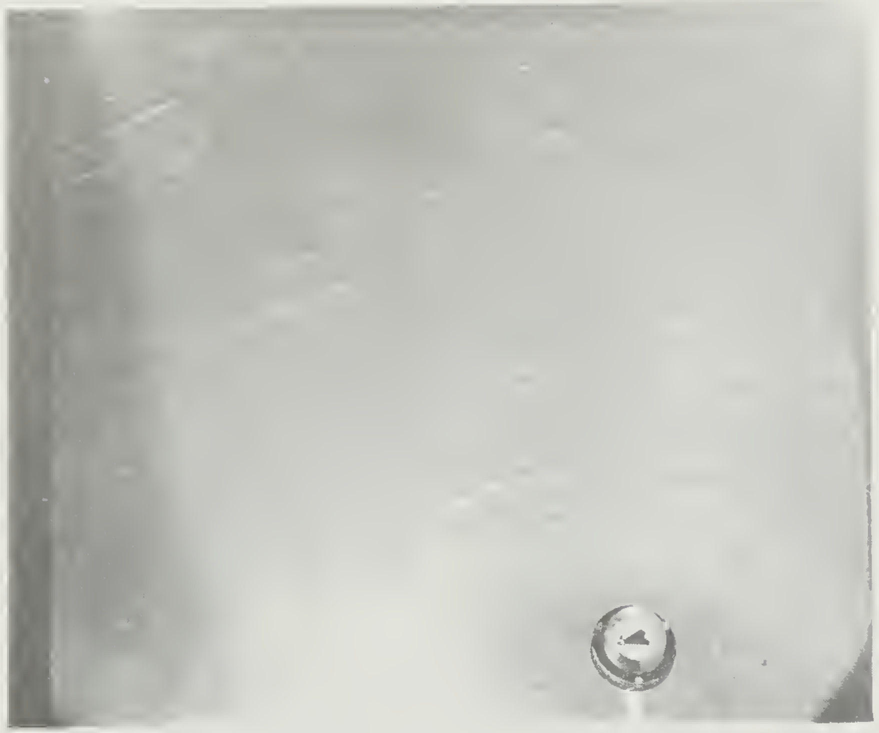
Cruise 45 Ship Sta 22 Camera Sta 13 3890 Meters

Frame 9

Frame 12

Frame 14

Frame 17



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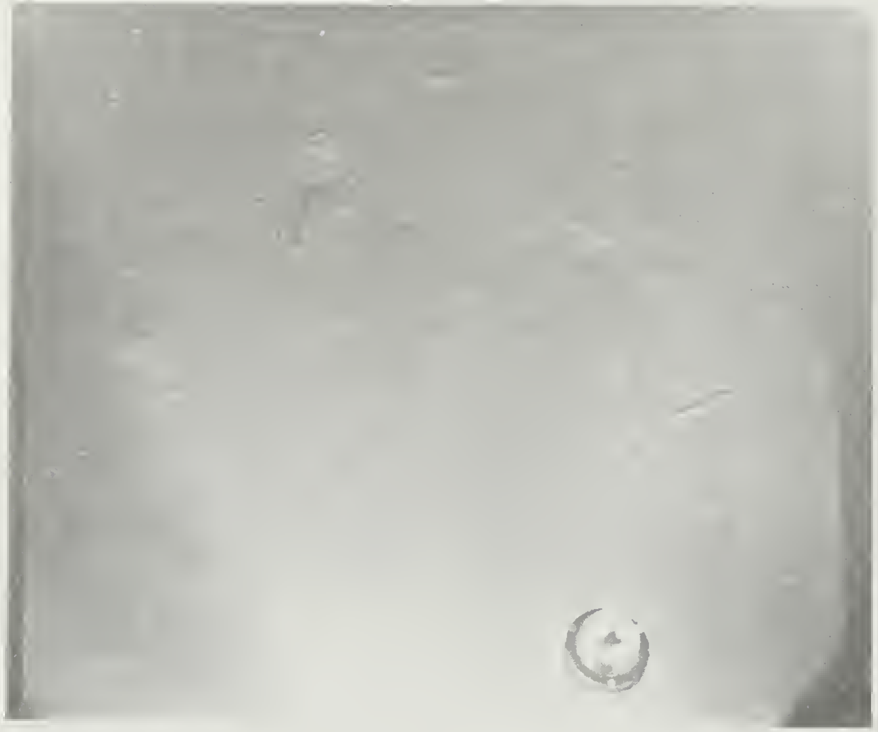
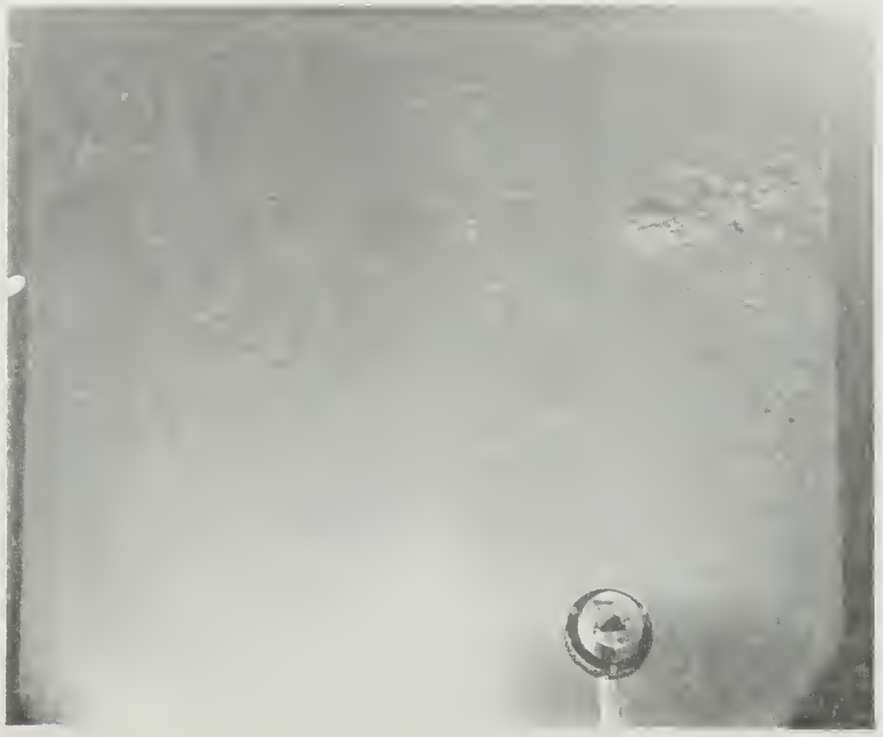


Frame 19

Cruise 45 Ship Sta 22 Camera Sta 13 3880 Meters

Frame 23

Frame 27



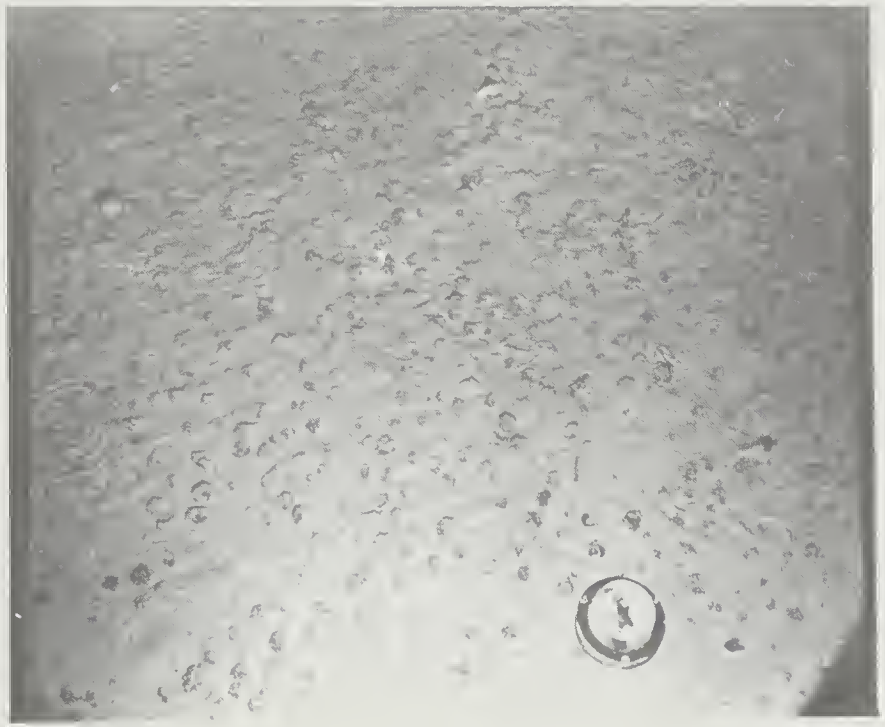
Frame 19

Frame 35

Cruise 45 Ship Sta 23 Camera Sta 14 4269 Meters

Frame 8

Frame 23



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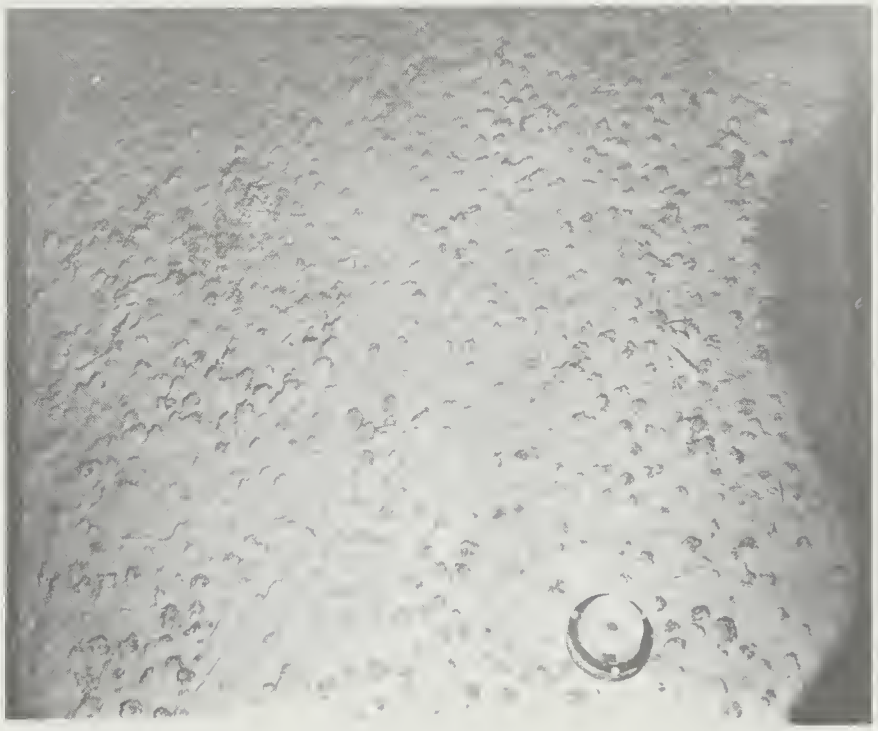
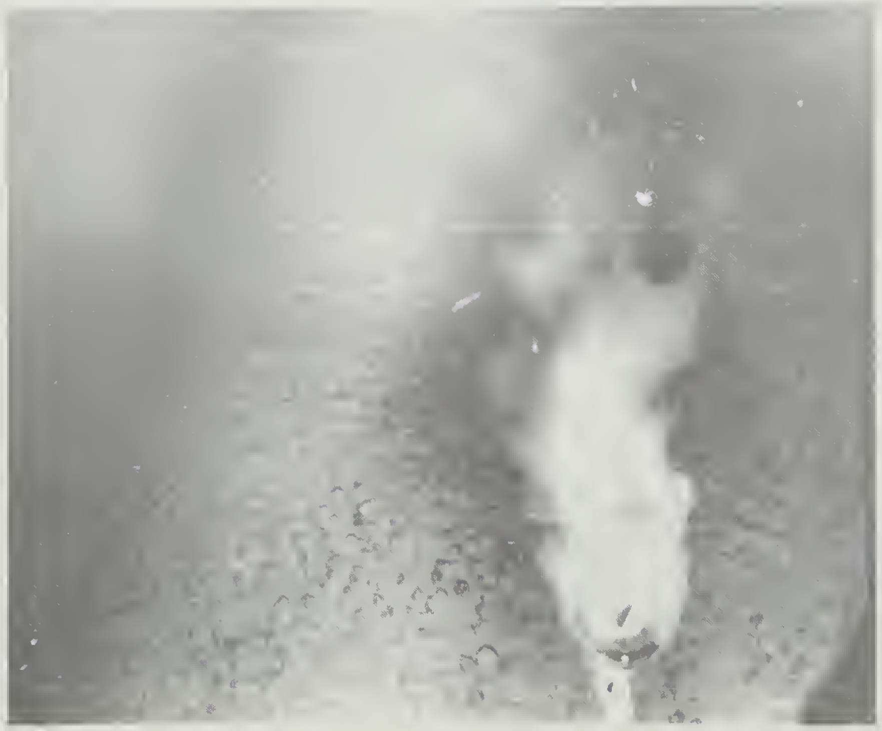


Frame 2

Cruise 45 Ship Sta 25 Camera Sta 15 4401 Meters

Frame 3



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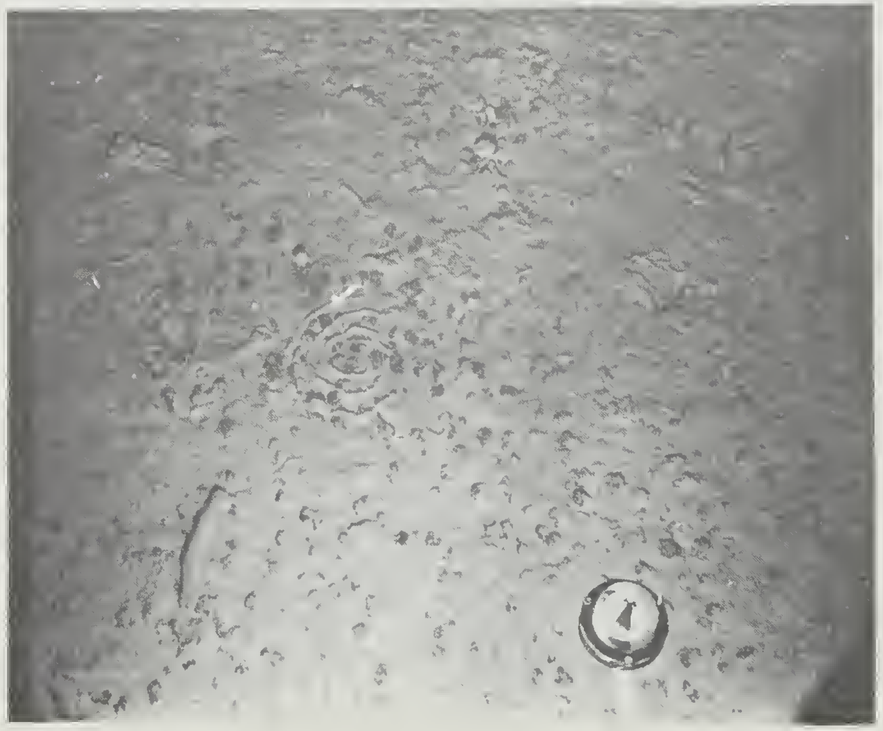

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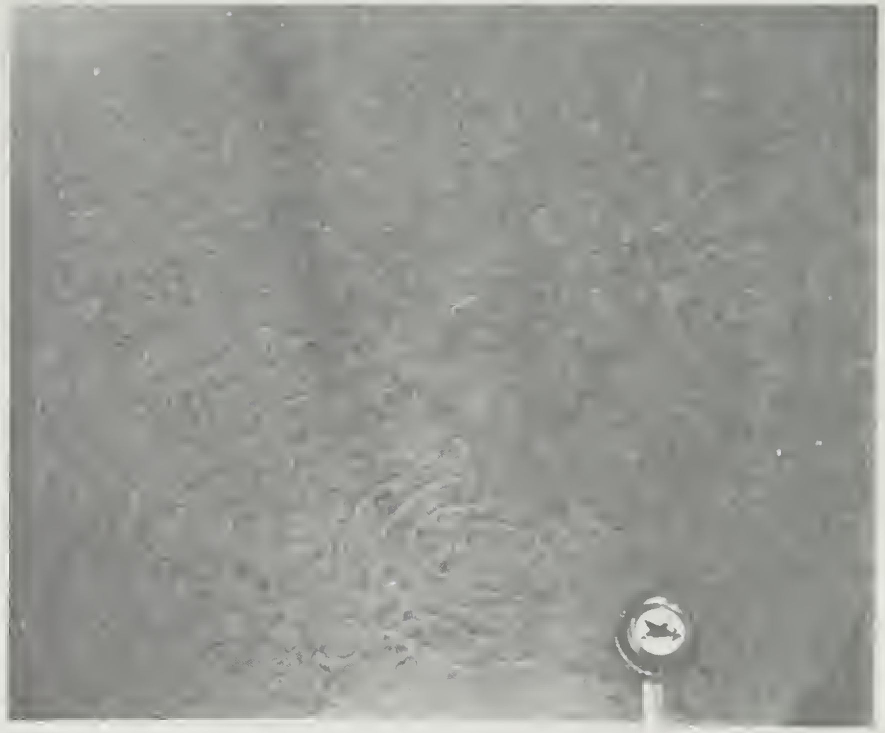


Frame 15

Cruise 45 Ship Sta 25 Camera Sta 15 4401 Meters

Frame 17

Frame 28

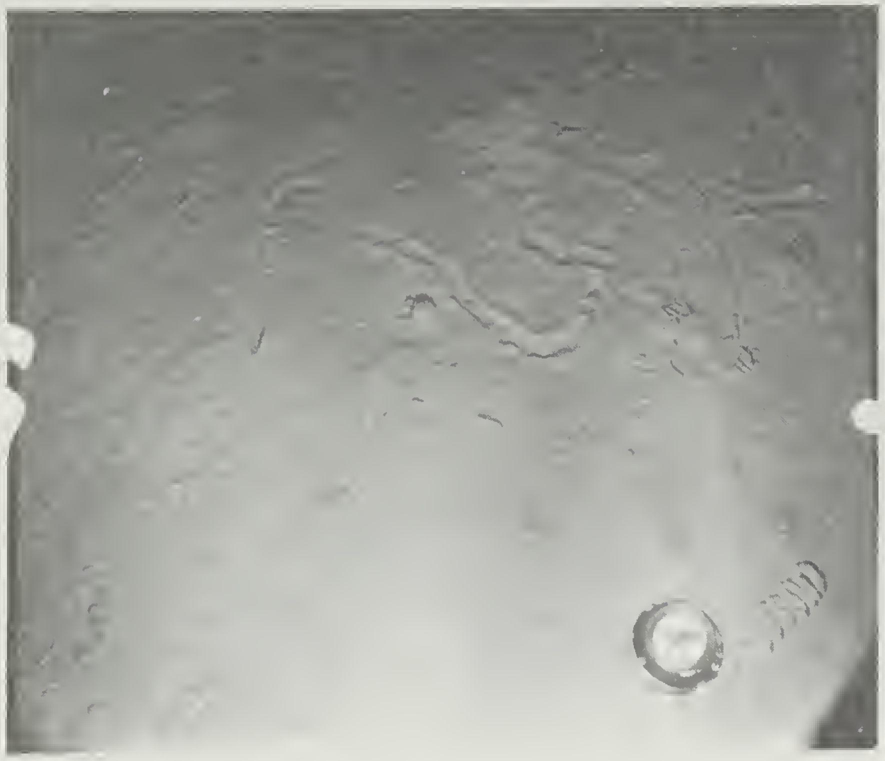
Frame 1

Frame 22

Cruise 45 Ship Sta 30 Camera Sta 16 4315 Meters

Frame 24

Frame 32



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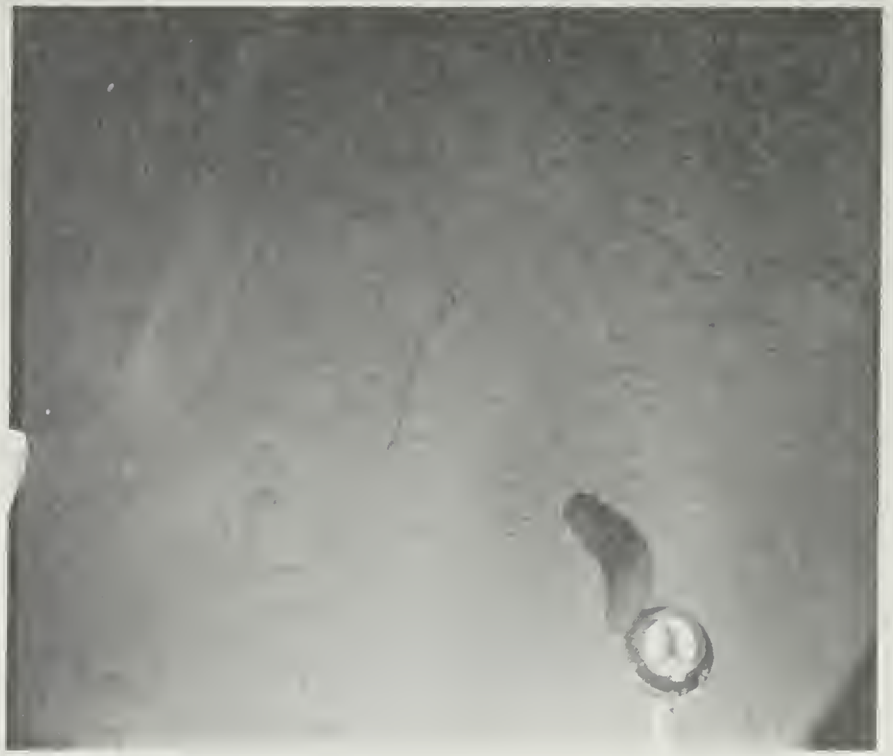
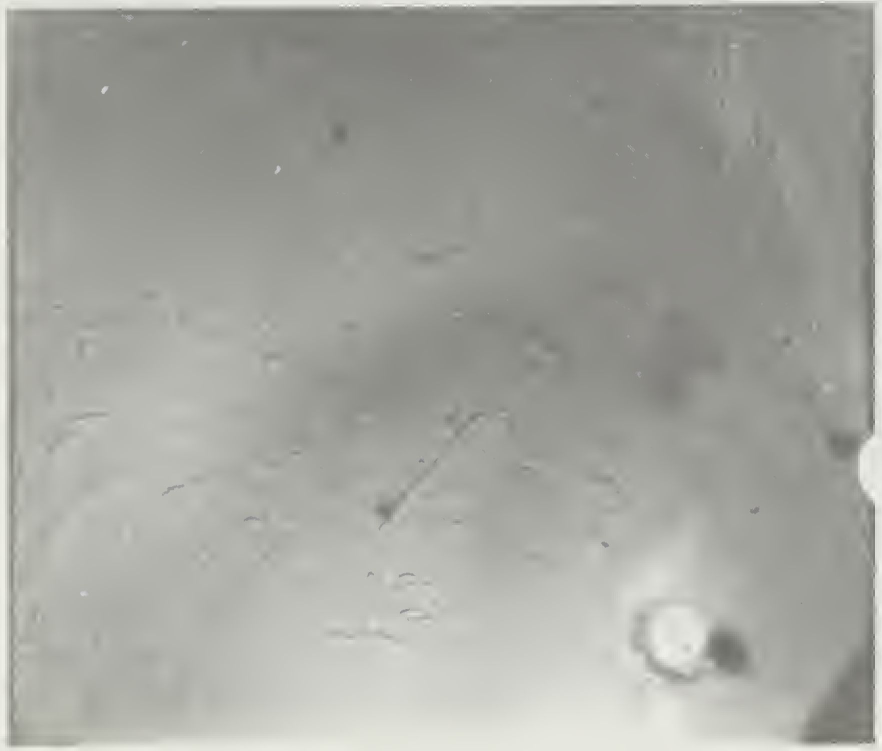


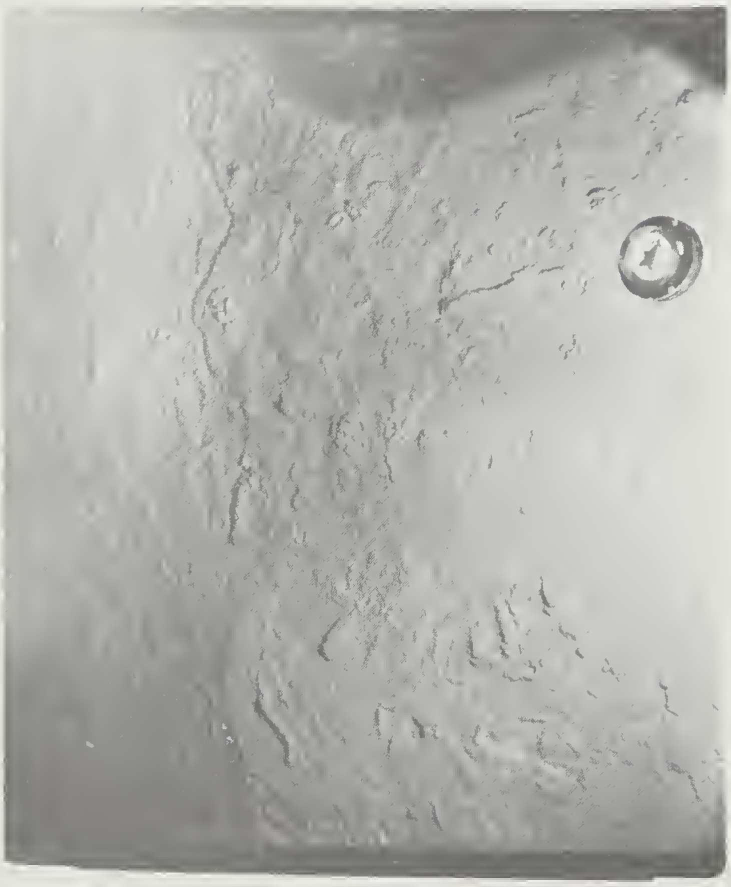
Frame 9

Cruise 45 Ship Sta 32 Camera Sta 17 4489 Meters

Frame 10



Cruise 45 Ship Sta 34 Camera Sta 18 4522 Meters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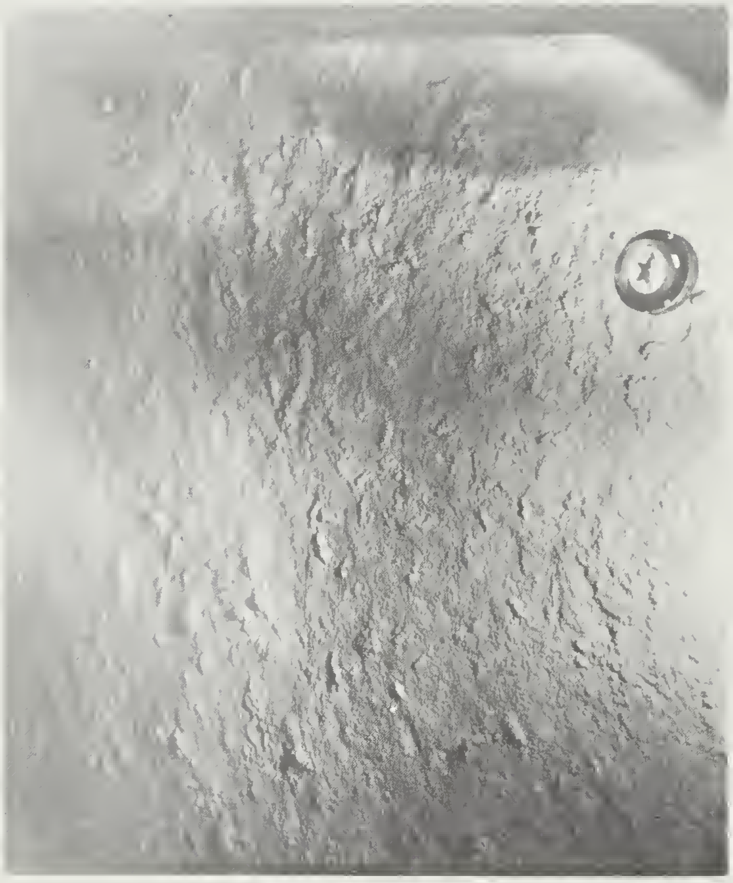
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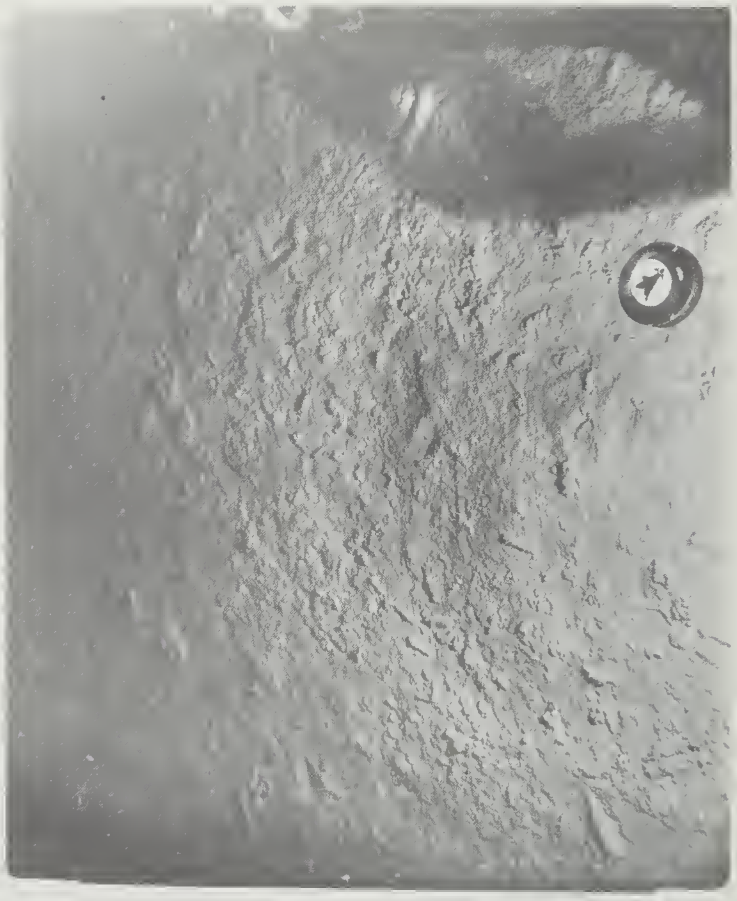
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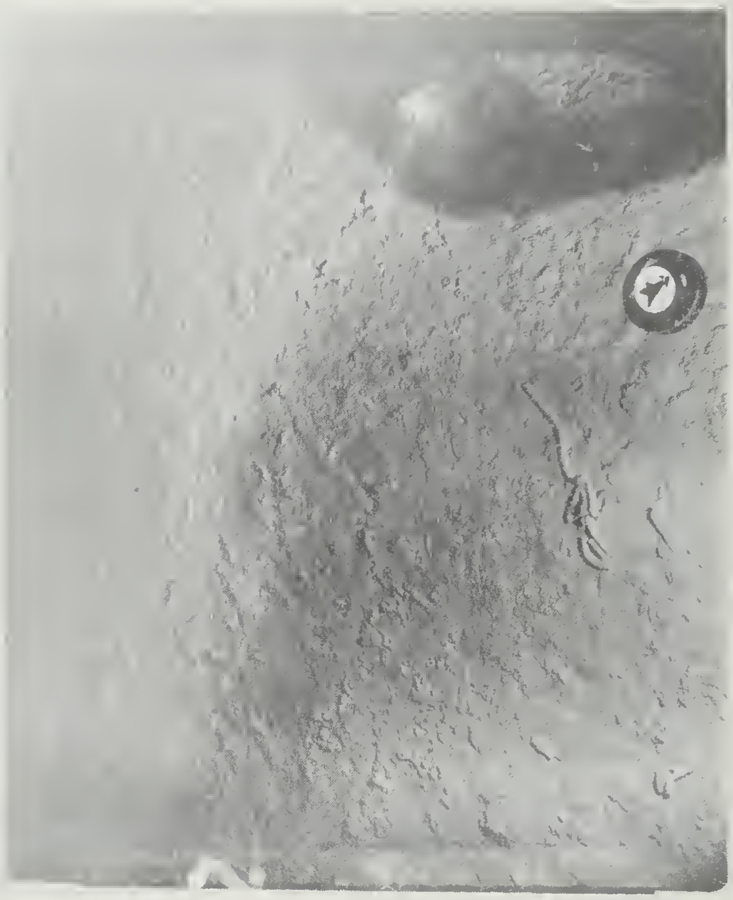
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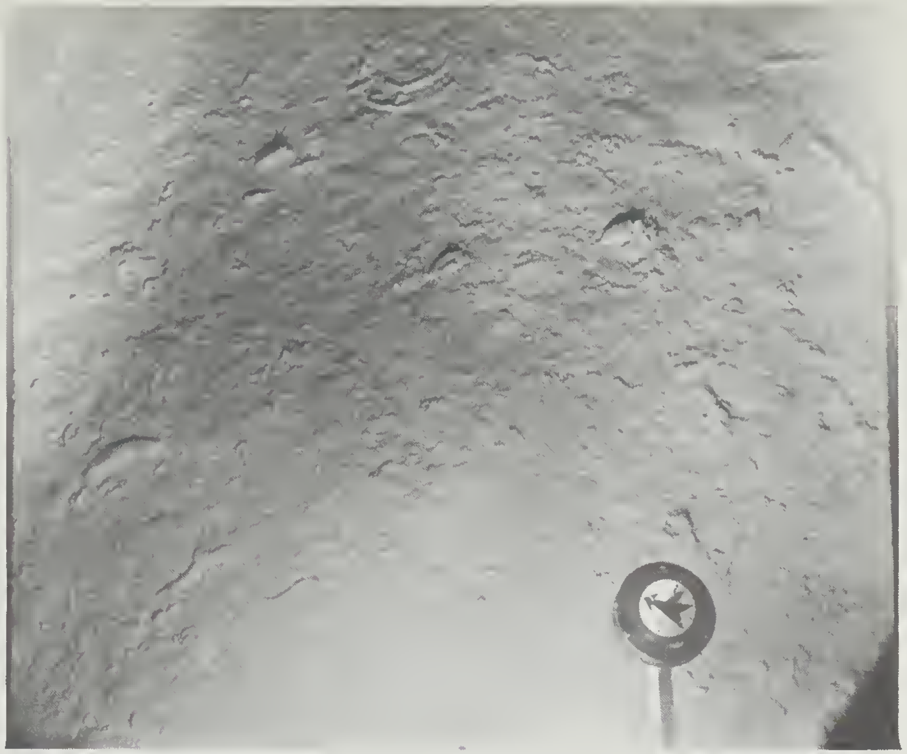

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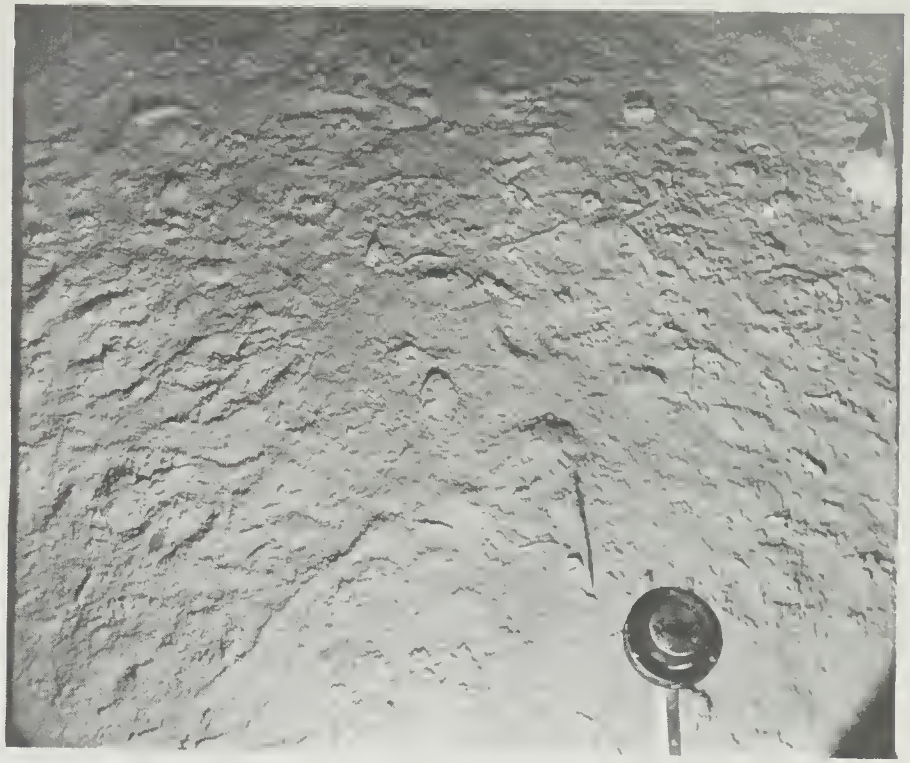

Frame 2

Cruise 45 Ship Sta 36 Camera Sta 19 4546 Meters

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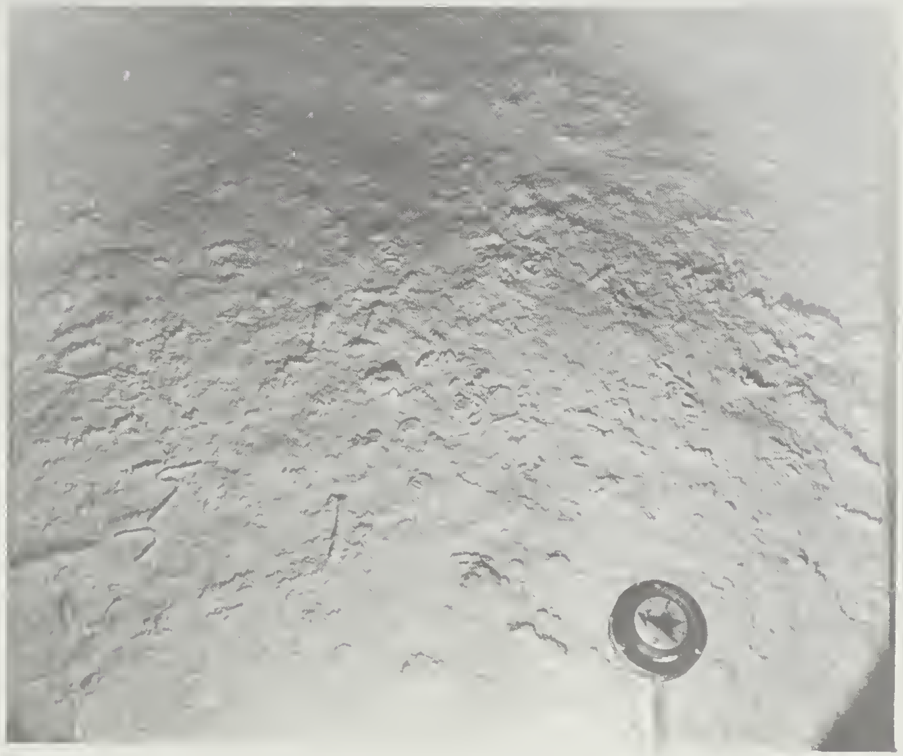

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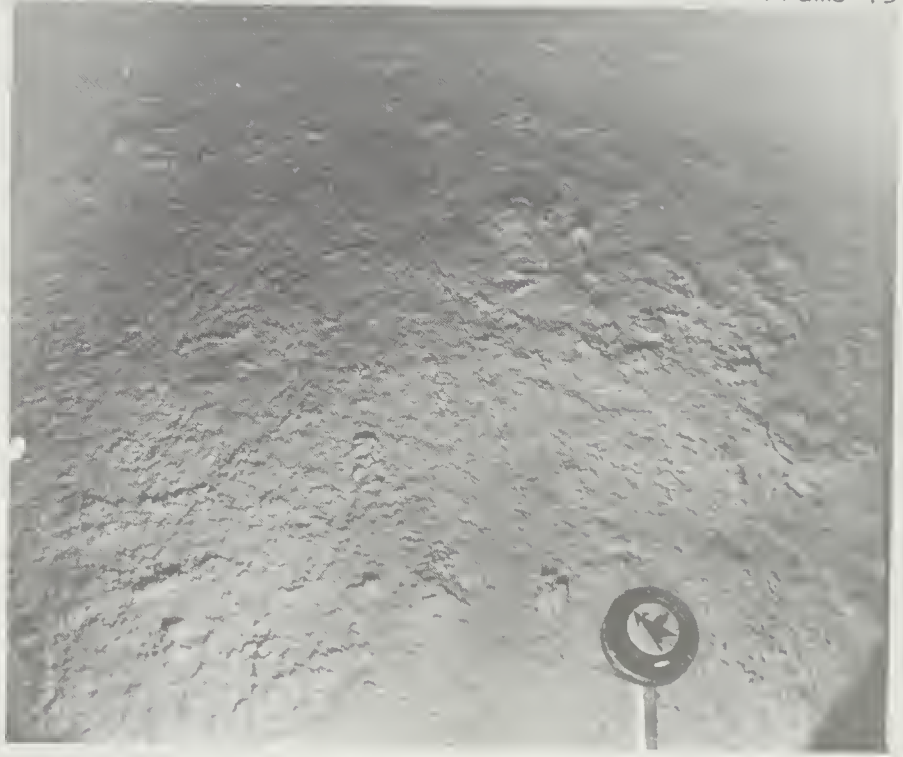


Frame 1

Frame 7

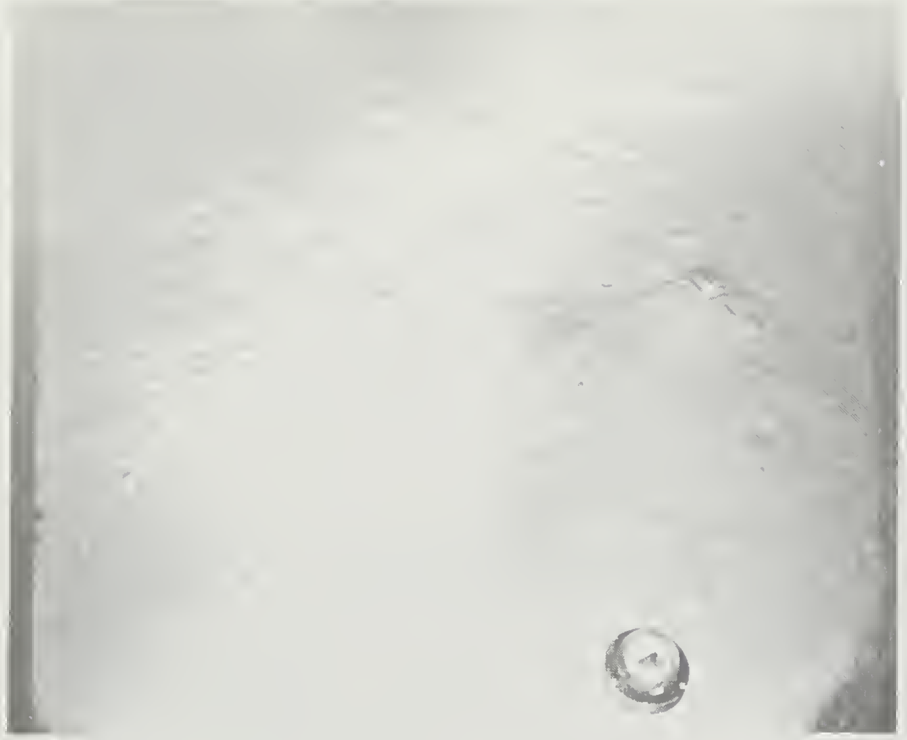
Cruise 45   Ship Sta 45   Camera Sta 23   3741 Meters

Frame 10

Frame 1

Frame 7

Cruise 45 Ship Sta 47 Camera Sta 24 3417 Meters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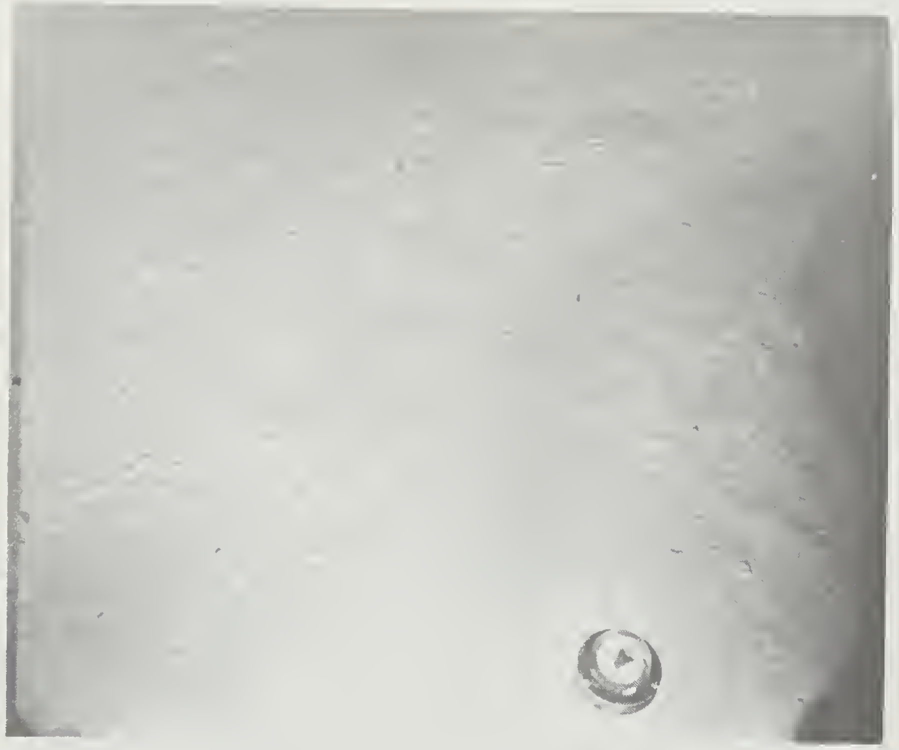
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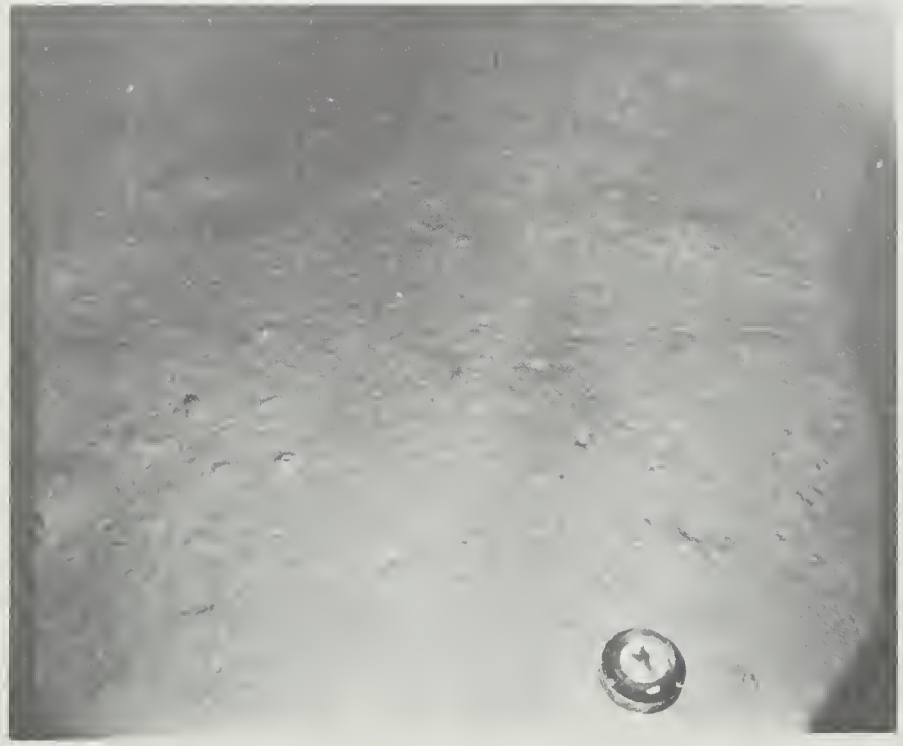


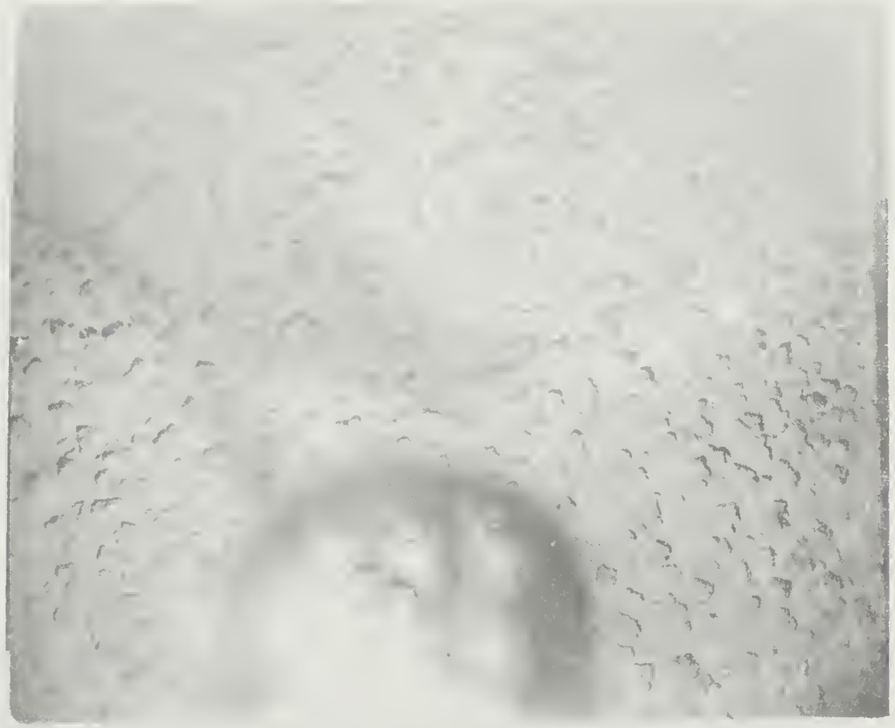
Frame 1

Frame 3

Cruise 45 Ship Sta 54 Camera Sta 27 4467 Meters

Frame 7

Frame 11



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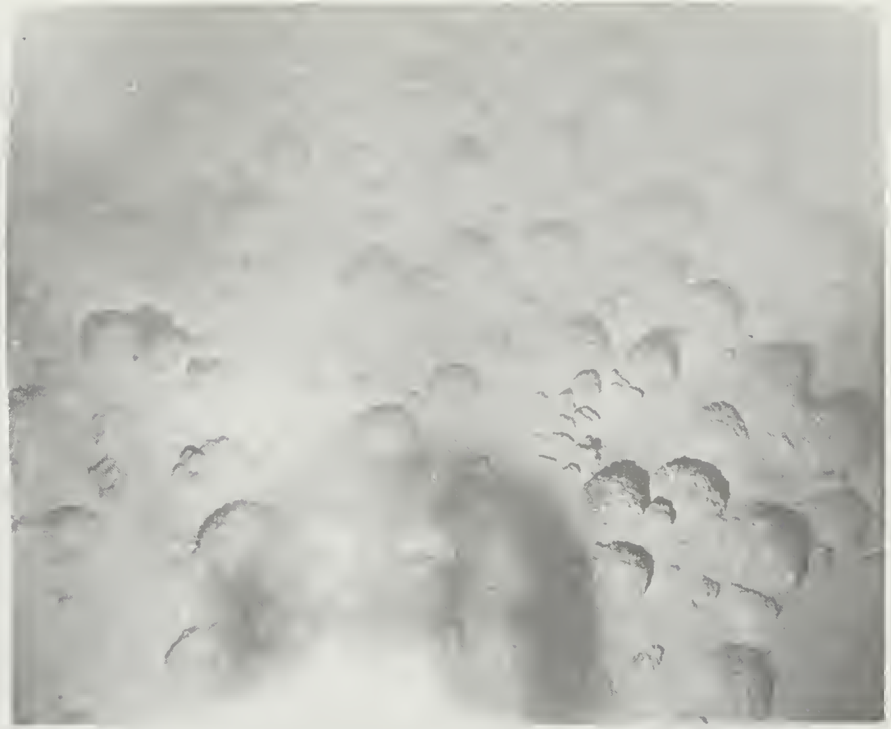

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Cruise 45 Ship Sta 55 Camera Sta 28 4447 Meters

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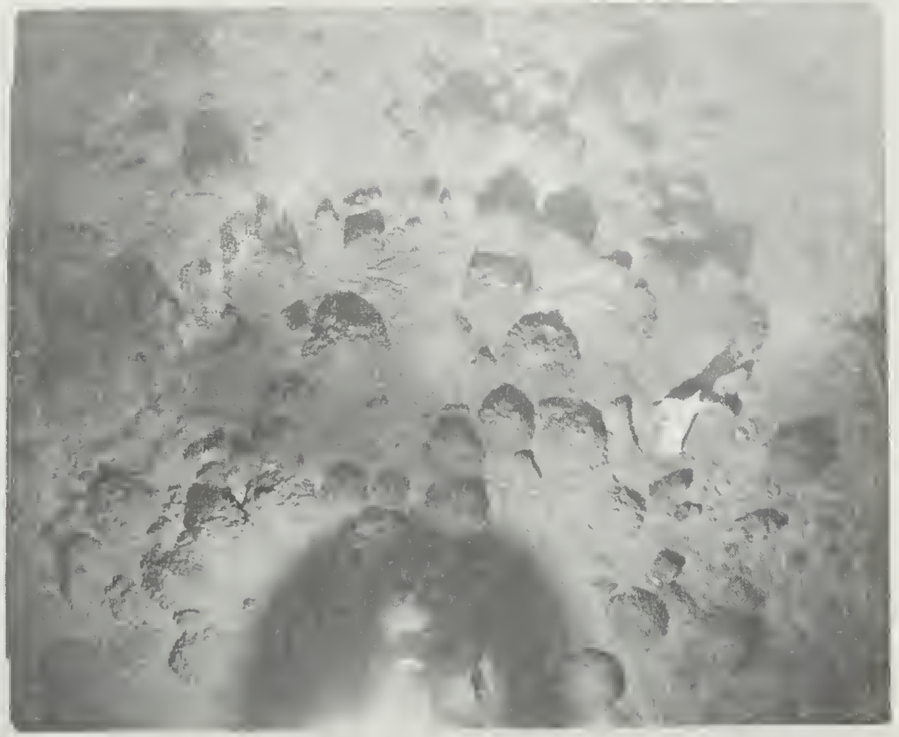

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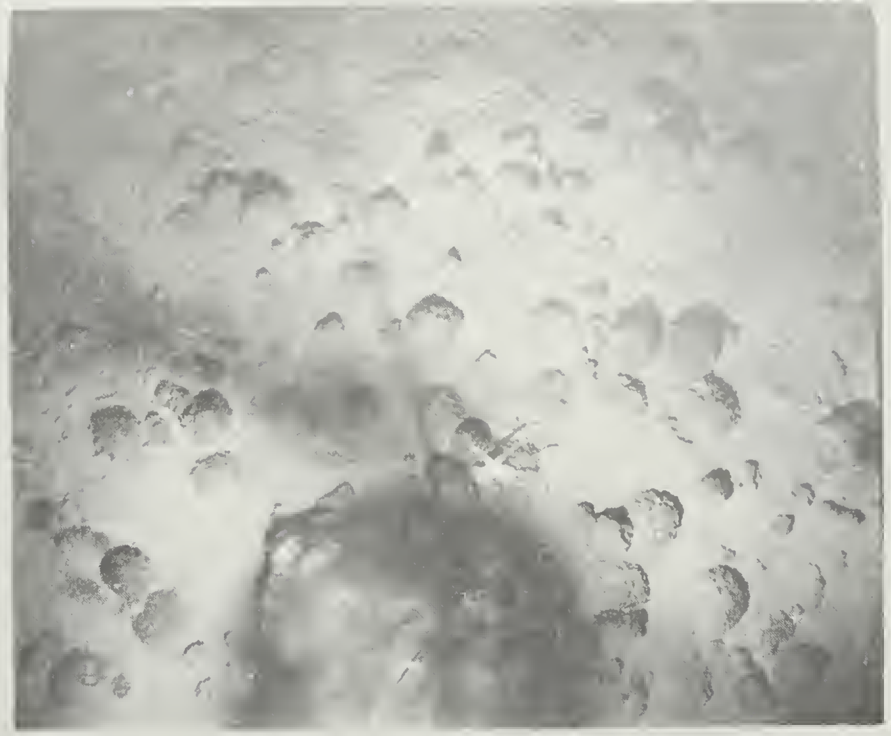
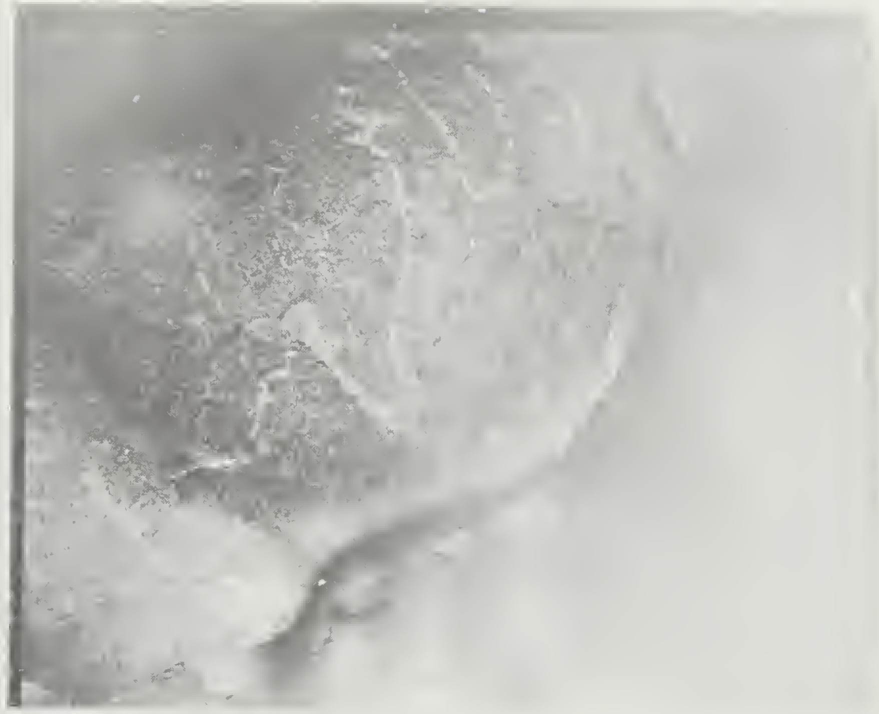


Cruise 45 Ship Sta 55 Camera Sta 28 4447 Meters

Frame 21

Frame 18

Frame 23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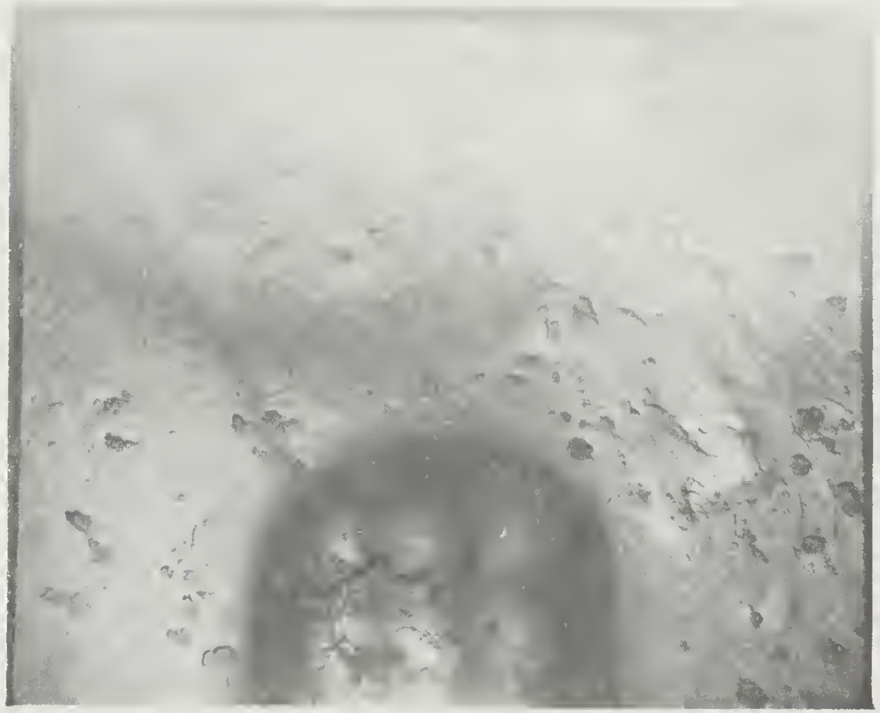
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Cruise 45 Ship Sta 56 Camera Sta 29 4690 Meters

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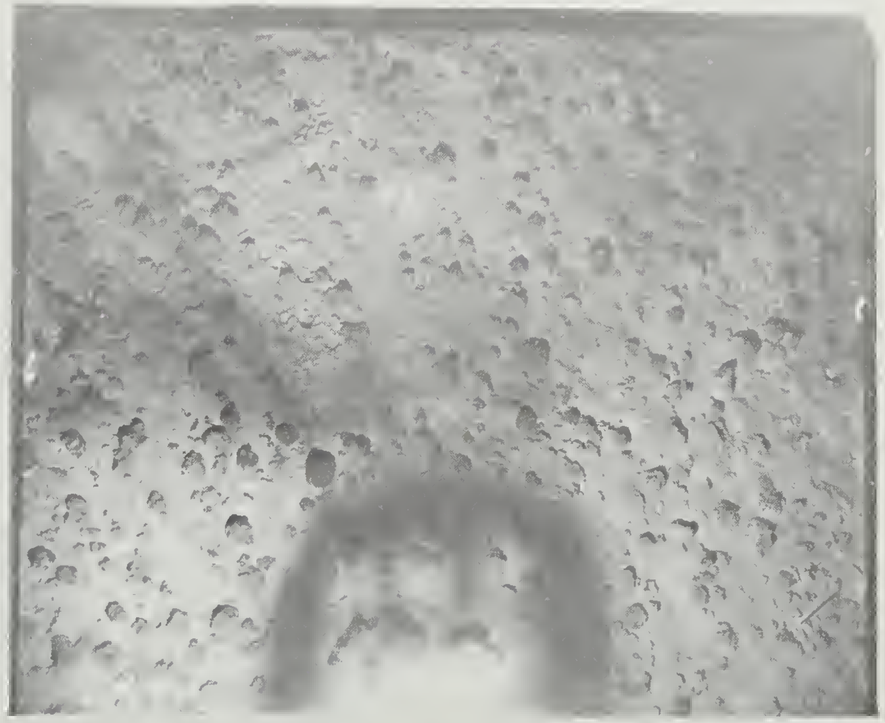

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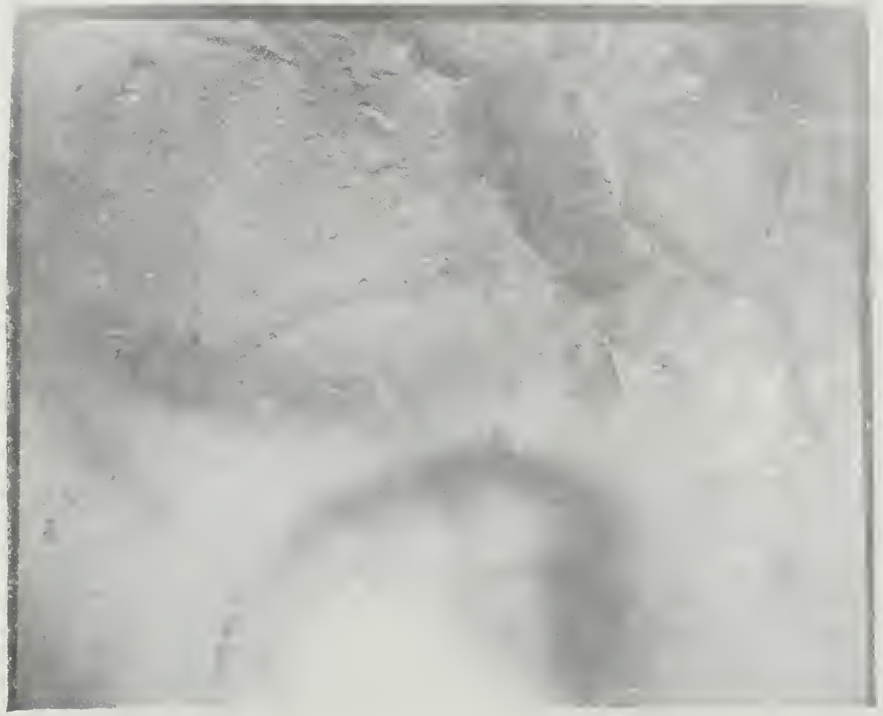

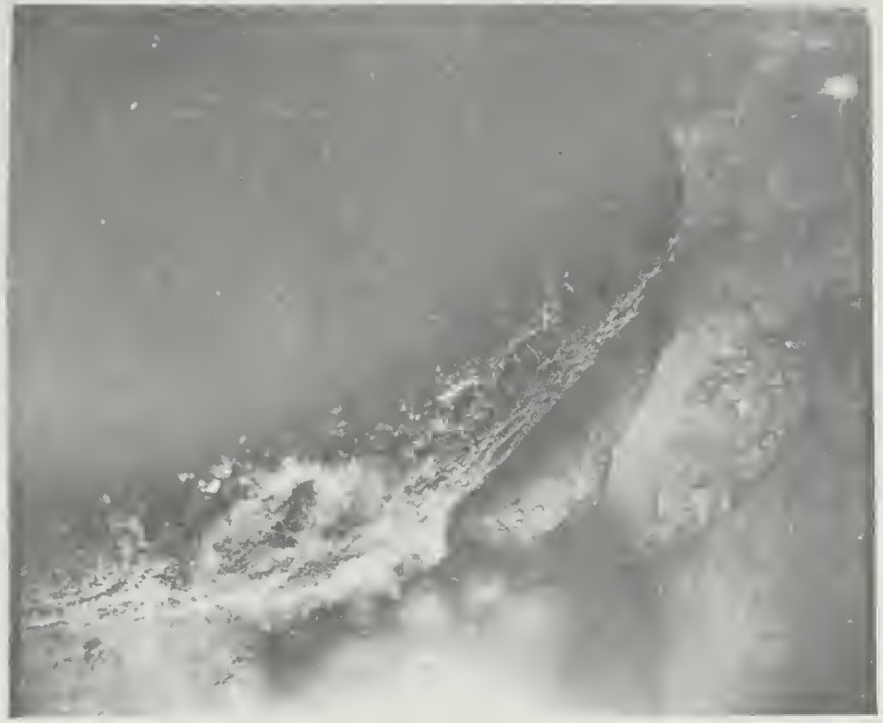

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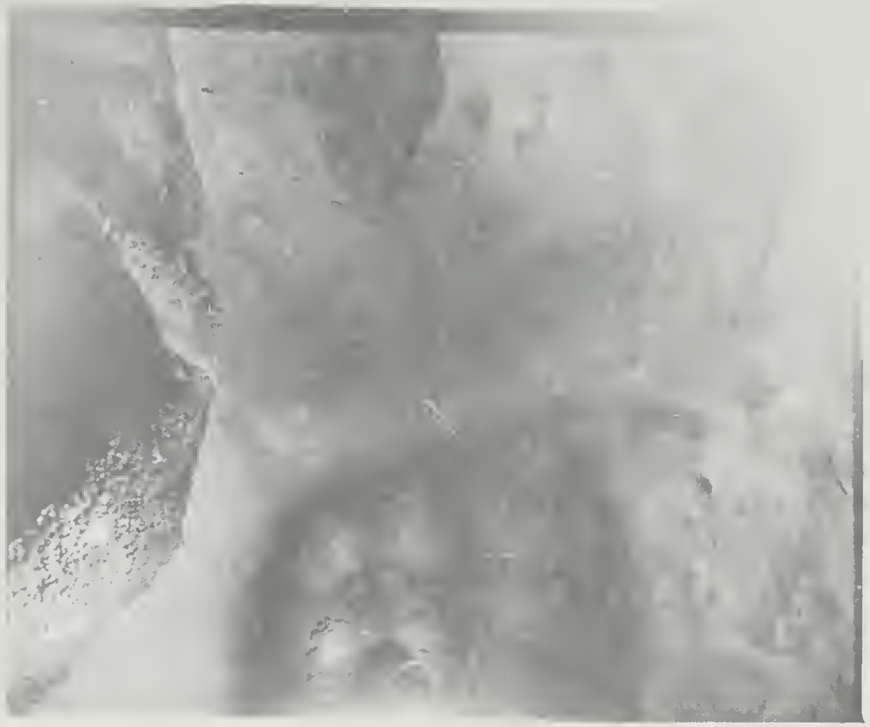

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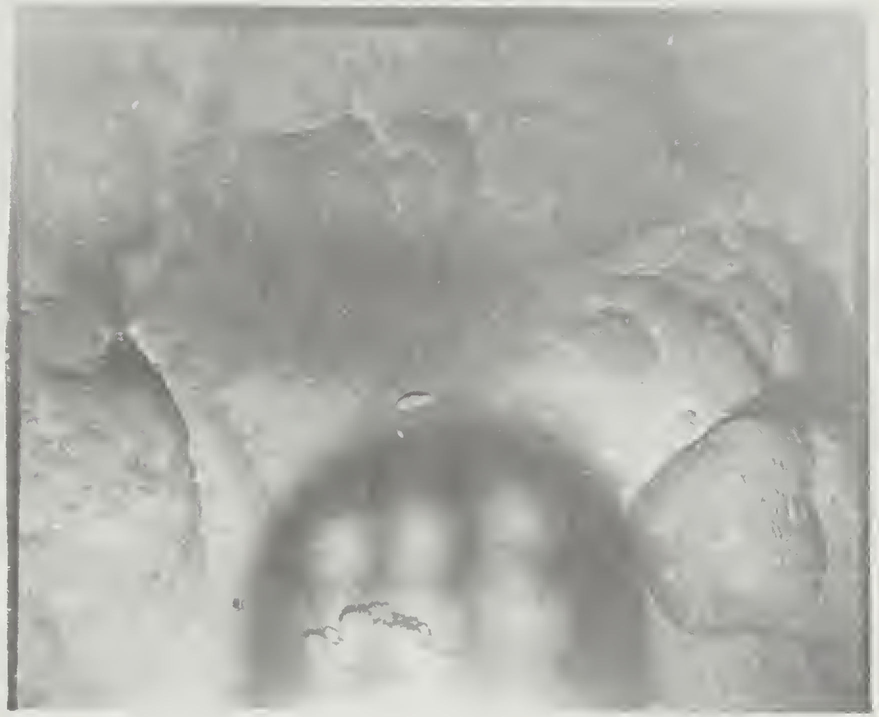
Cruise 45 Ship Sta 56 Camera Sta 29 4600 Meters

Frame 16



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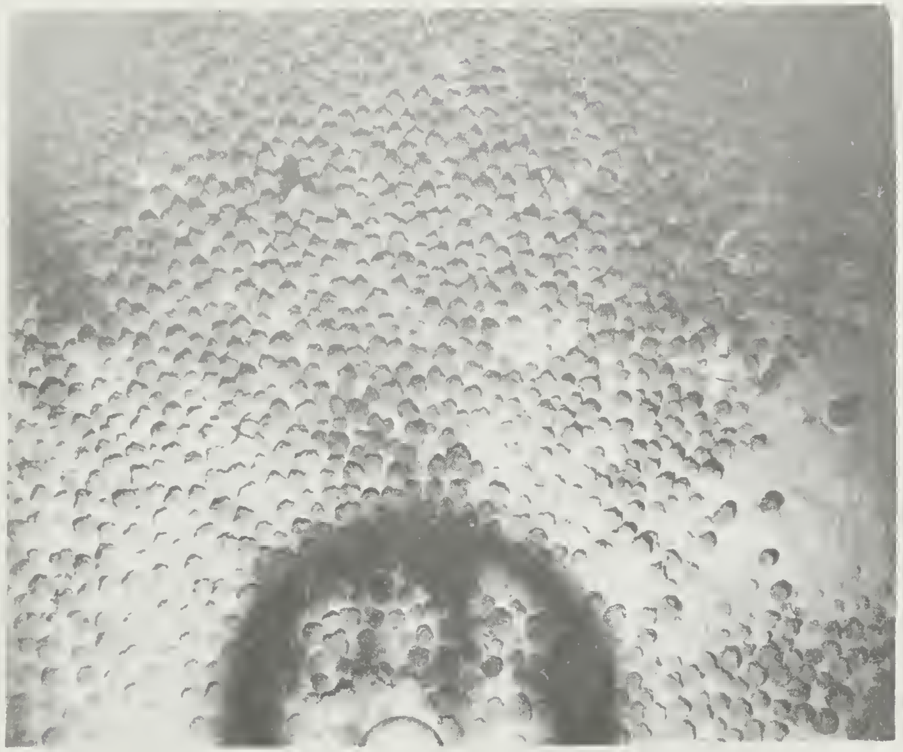

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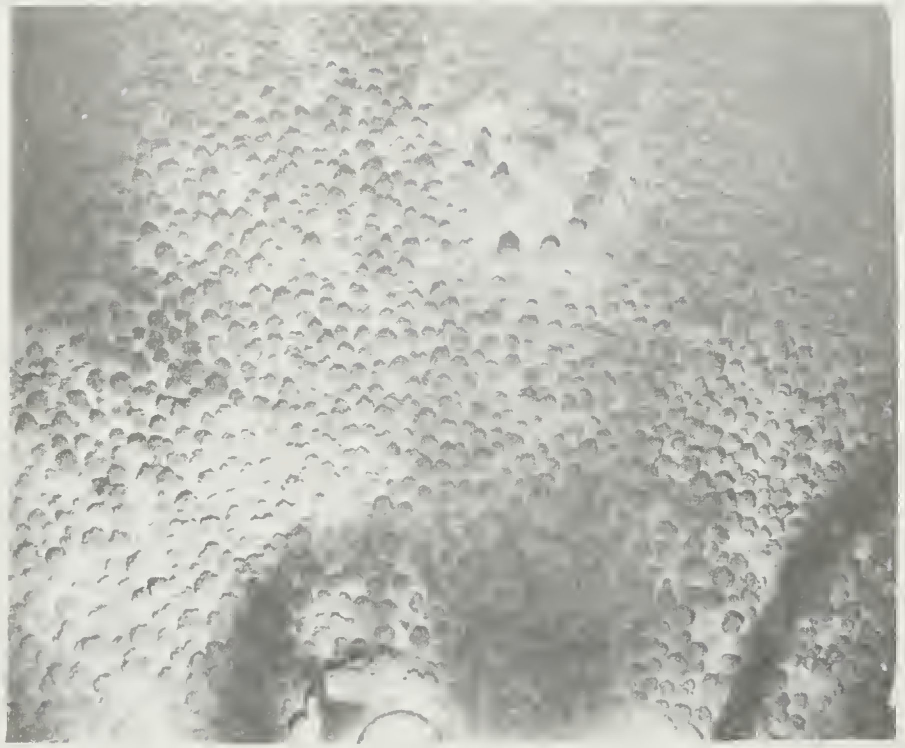

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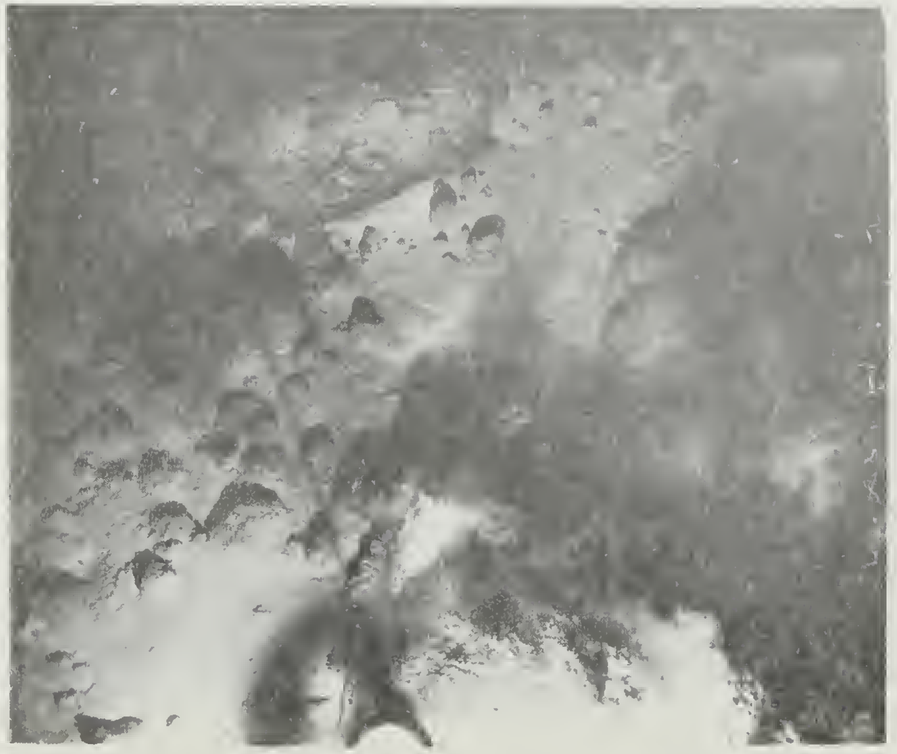
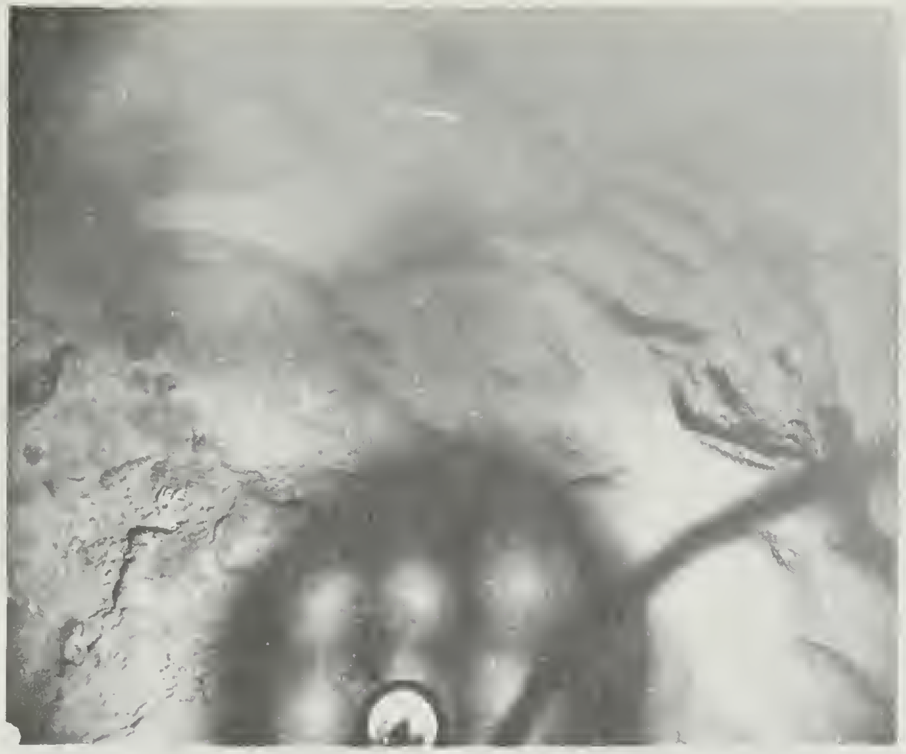
Cruise 45 Ship Sta 57 Camera Sta 30 4526 Meters

Frame 23

Frame 24





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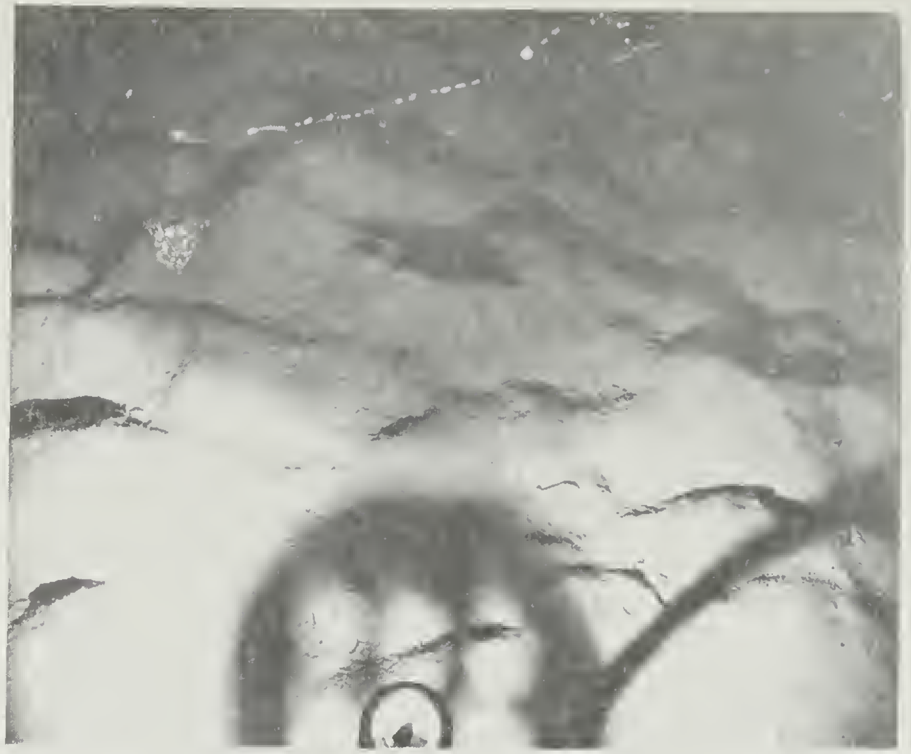
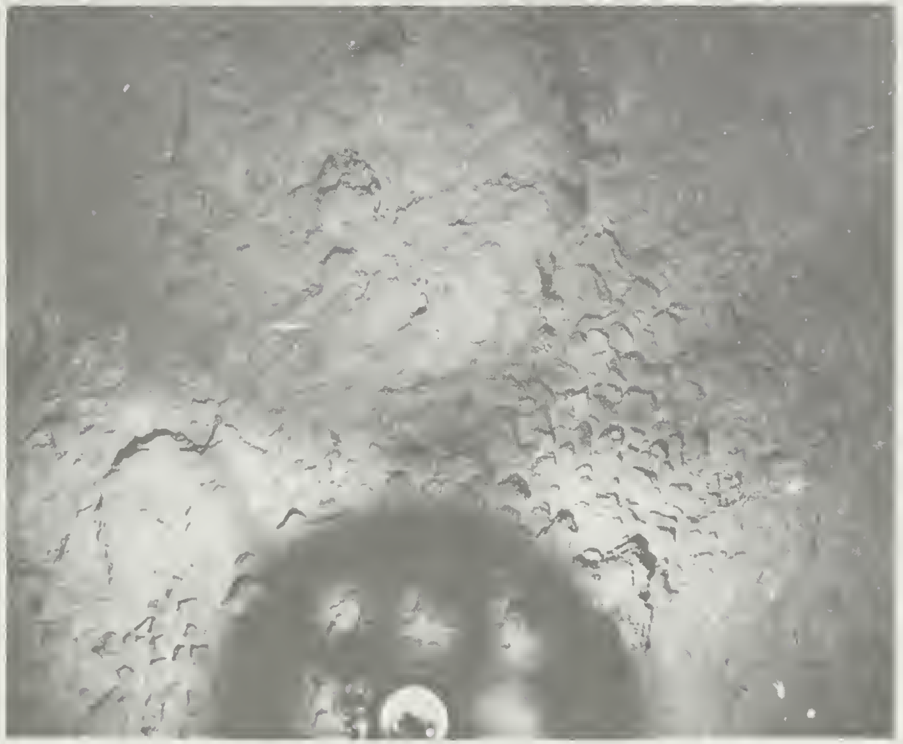


Frame 3

Cruise 45 Ship Sta 58 Camera Sta 31 5140 Meters

Frame 4



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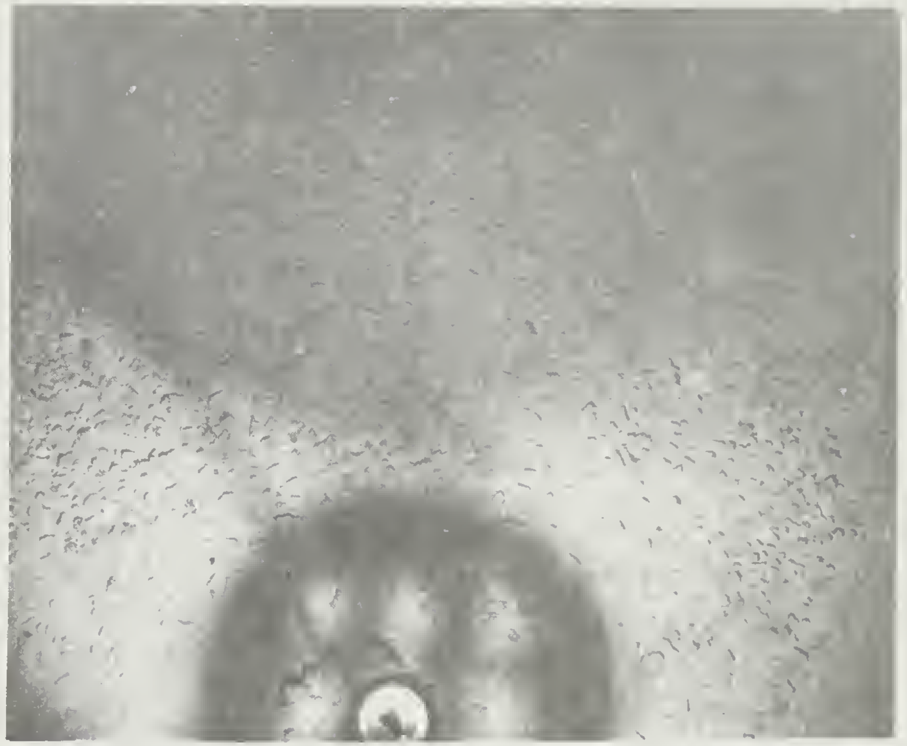
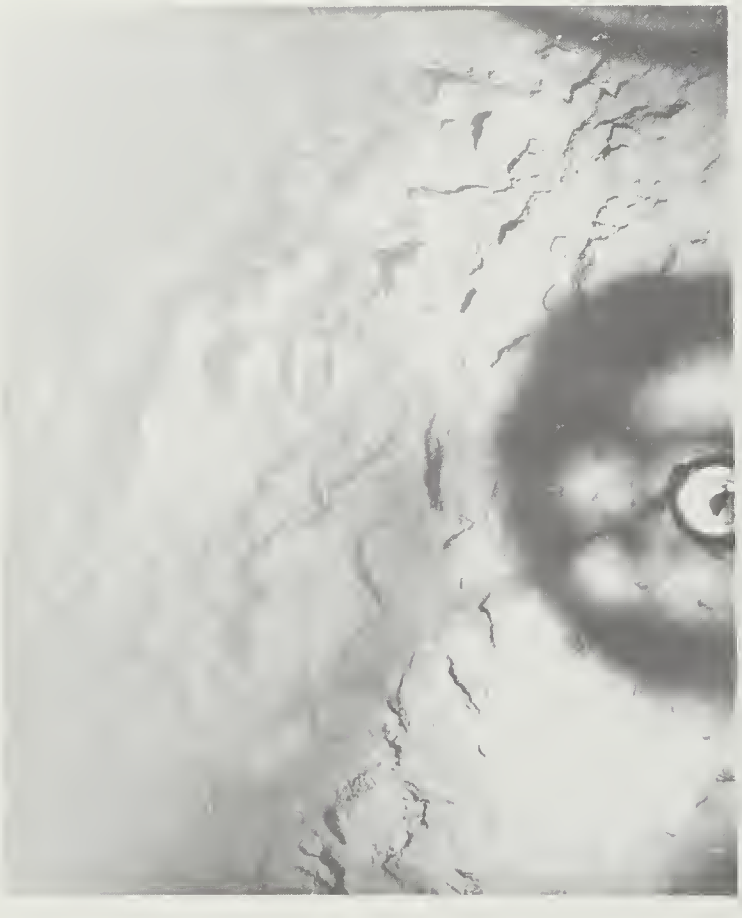


Cruise 45 Ship Sta 58 Camera Sta 31 5140 Meters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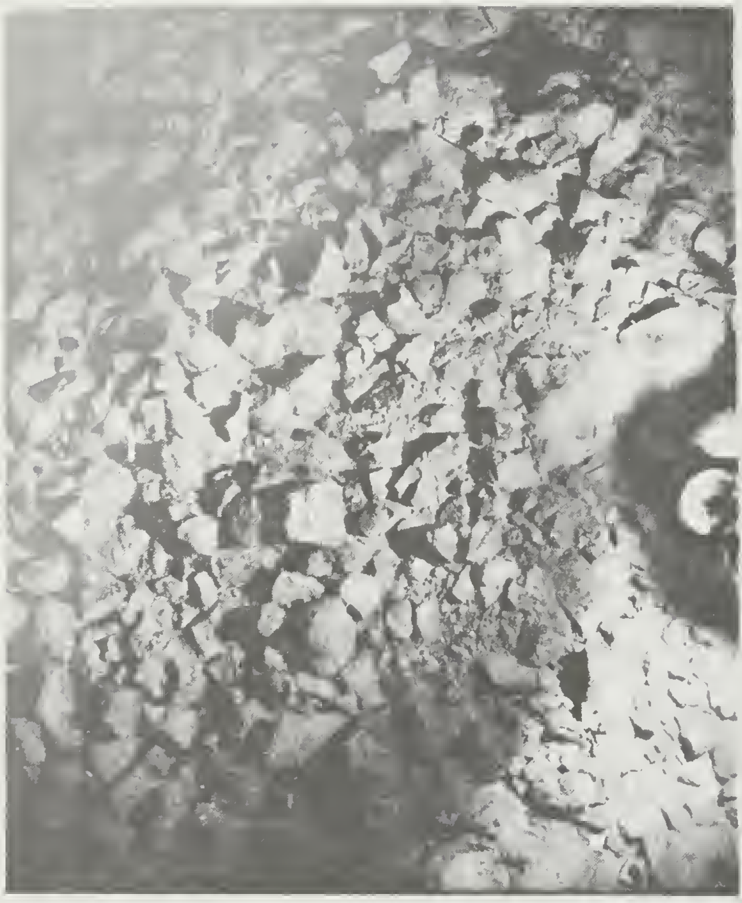
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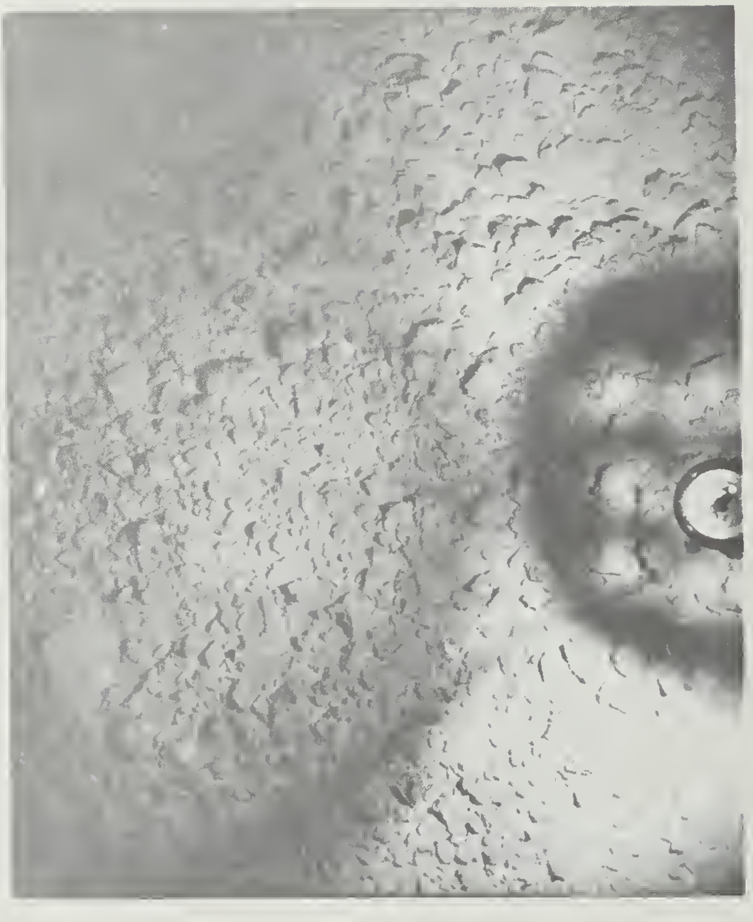
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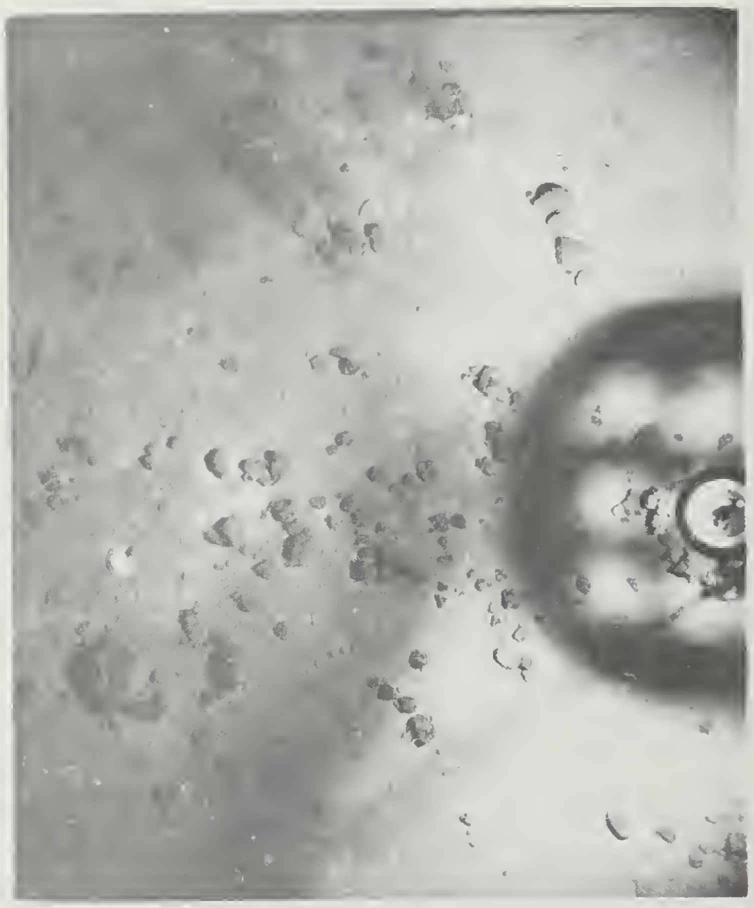
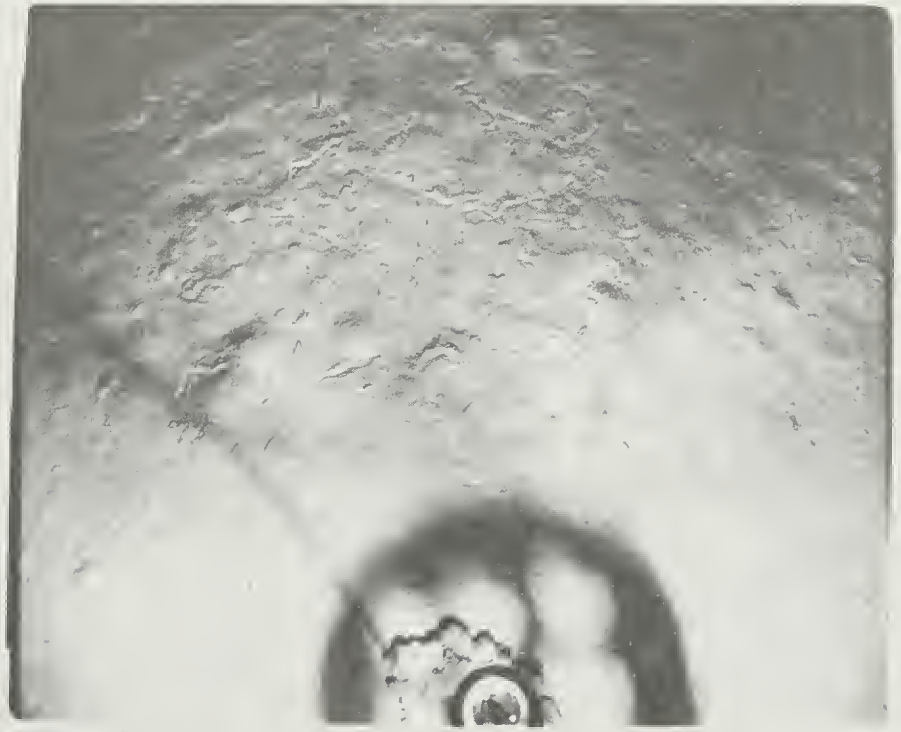

Frame 23

Frame 2

Frame 4

Cruise 45 Ship Sta 61 Camera Sta 33 4588 Meters

Frame 8



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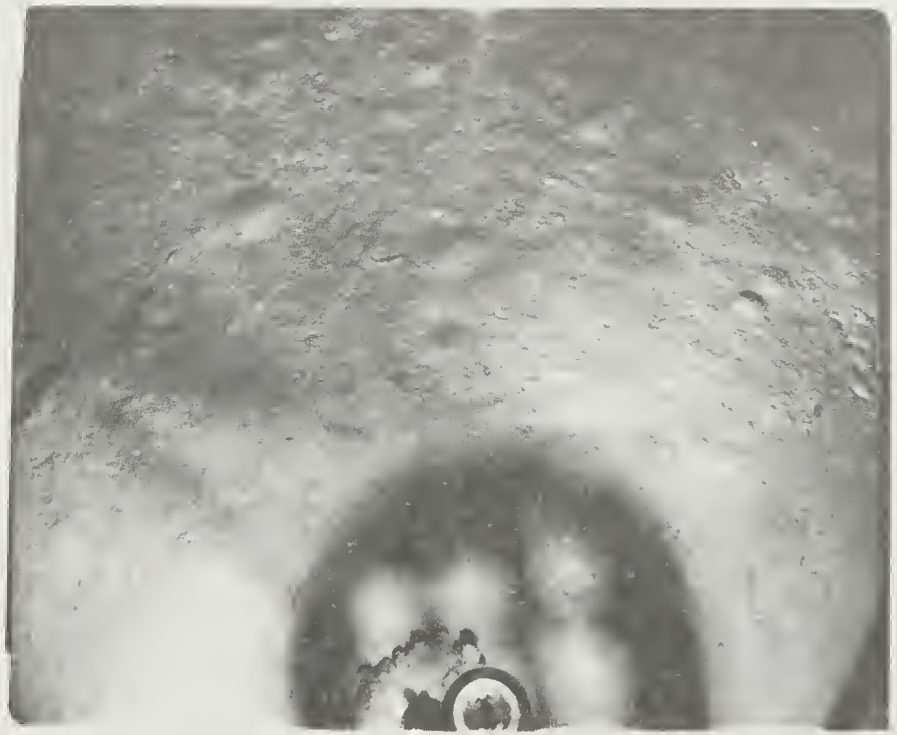
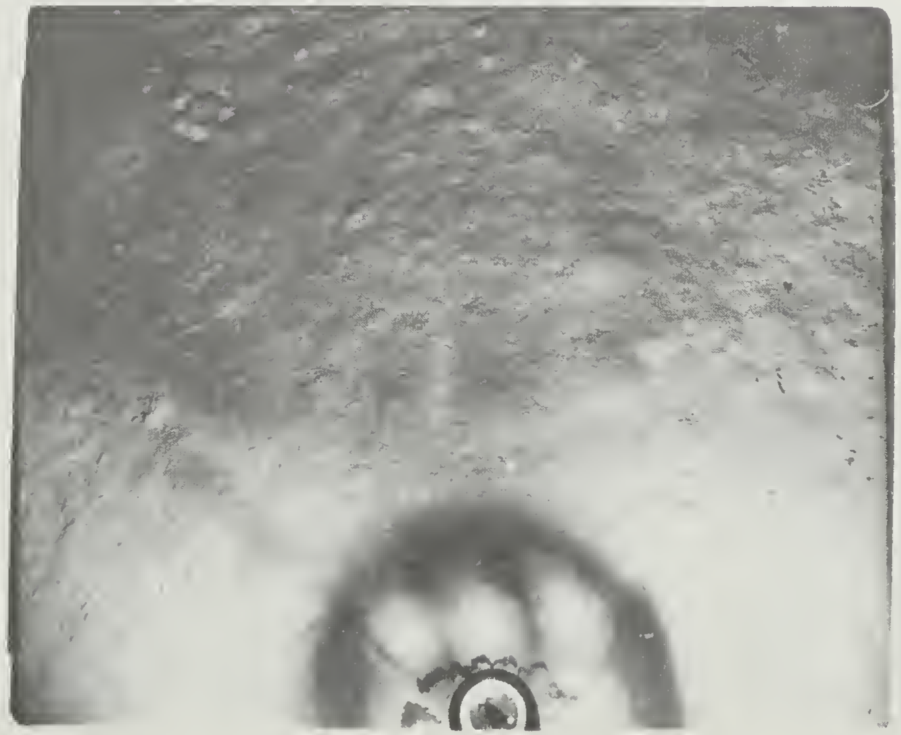


Frame 7

Cruise 45 Ship Sta 62 Camera Sta 34 3049 Meters

Frame 9



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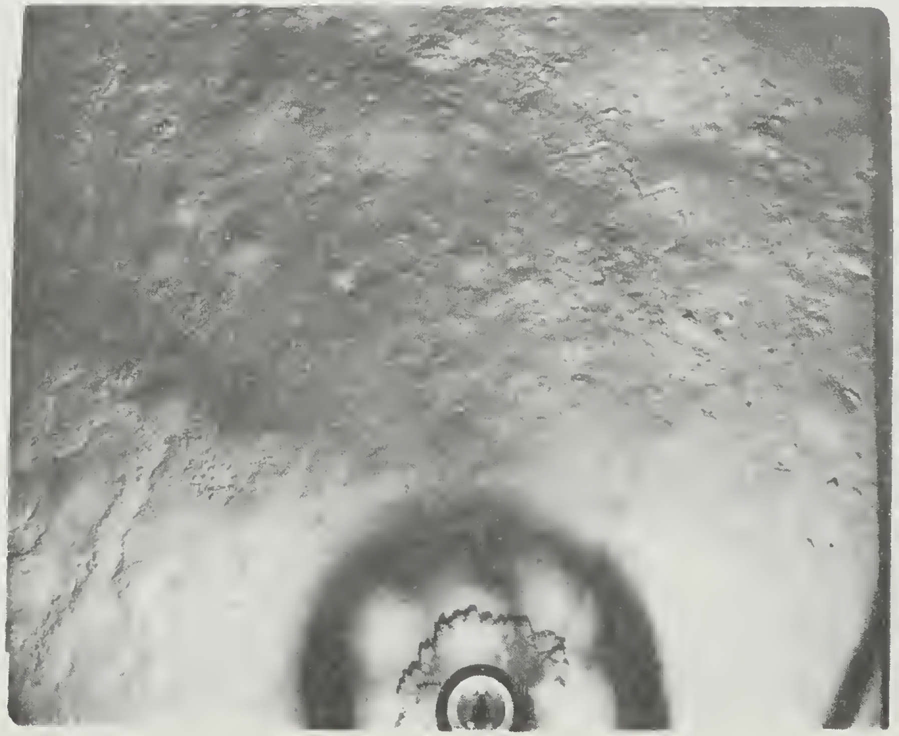

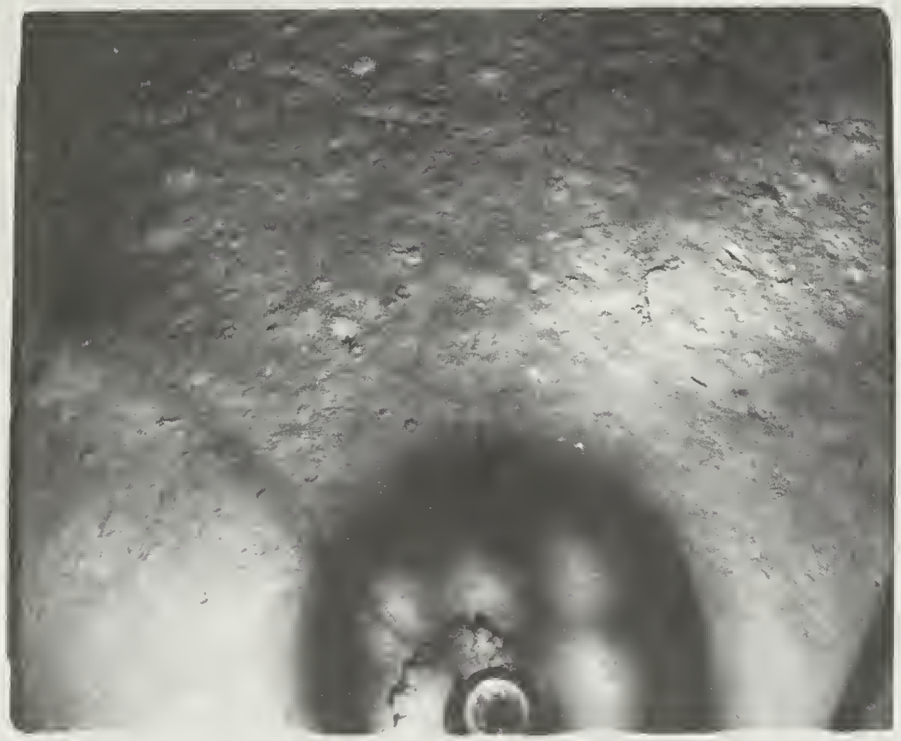

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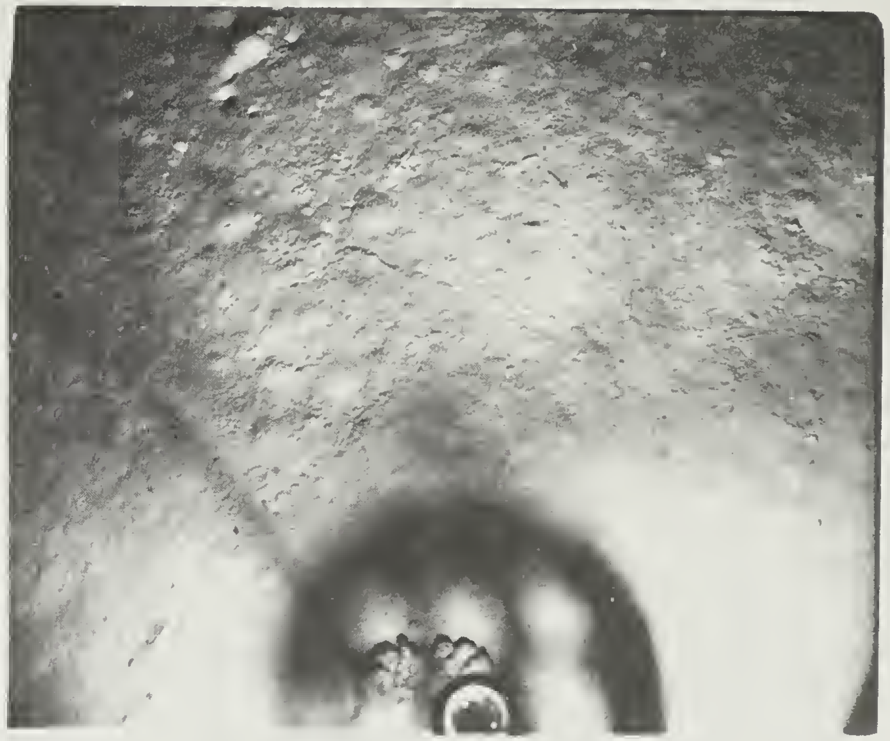


Frame 23

Cruise 45 Ship Sta 62 Camera Sta 34 3049 Meters

APPENDIX

On ELTANIN Cruises 38 and 46 hydrographic data were taken in support of biological programs. At the suggestion of Jack Fell, IMS, Miami, we have included that data in this report in the hope that it may thus be more readily accessible to those interested in Antarctic physical oceanography.

Cruise 38 was under the general direction of Lawrence Pomeroy, Univ. of Ga. Hydrographic data were furnished by Jack Fell, nutrient data by Sayed El Sayed, Texas A & M Univ., and bottom photographs by William Layton, Dartmouth Medical School. Cruise 46 data were taken and forwarded to us by El Sayed and Dean Letzring, Texas A & M.

We have re-assembled these data in our own formats, with only minor editing. The table below provides dates and coordinates for the Cruise 38 bottom photographs, which were taken with an Alpine Camera.

CRUISE 38 Camera Stations

STATION	DATE	LATITUDE	LONGITUDE	DEPTH
38-07-C	30 Mar 69	64°12'S	150°09'E	3660
38-07-D	31 Mar 69	64°12'S	150°09'E	3500
38-08-A	4 Apr 69	61°58'S	149°50'E	3660
38-08-C	7 Apr 69	61°56'S	150°07'E	3385
38-09-B	17 Apr 69	57°13'S	149°49'E	3321
38-09-C	19 Apr 69	57°21'S	149°35'E	3111
38-11-A	25 Apr 69	49°41'S	152°31'E	4328
38-11-B	27 Apr 69	49°40'S	152°32'E	4273
38-11-C	30 Apr 69	49°41'S	152°35'E	4282
38-12-A	7 May 69	40°02'S	152°02'E	4044
38-12-B	9 May 69	40°02'S	152°05'E	4520
38-12-C	10 May 69	39°58'S	152°03'E	4447

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	1	0		28	3	69	3.0	6418.0S	15003.0E	536	3559			91		21

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	-1.70	33.556	27.03			1439.4	789Q	167	213	44
OBS	10	-1.71	33.533	27.01			1439.4	706Q	168	227	47
OBS	25	-1.61	33.576	27.04			1440.2	834	145	173	32
OBS	50	-1.13	33.721	27.14			1443.1	424Q	122	192	34
OBS	100	-1.11	34.556	27.82			1445.2	488	198	221	84
OBS	150	1.66	34.648	27.74			1458.8	437	149	201	80
OBS	200	1.70	34.678	27.76			1459.8	434			
OBS	400	1.72	34.725	27.79			1463.3	441	137	173	58
OBS	601	1.62	34.751	27.82			1466.2	465			
OBS	801	1.42	34.742	27.83			1468.6	474	201	215	99
OBS	1001	1.22	34.739	27.84			1471.1	480	178	215	98
OBSA	1252	1.73Q	34.724	27.79Q			1477.6Q	487	178	206	83
OBSA	1502	0.79	34.719	27.85			1477.6	507	194	211	107
OBSA	1752	0.62	34.708	27.86			1481.1	498	215	221	116
OBSB	2005	0.45	34.697	27.86			1484.6	508	186	209	94
OBSB	2255	0.29	34.690	27.86			1488.2	515	220	223	120
OBSB	2505	0.20	34.689	27.87			1492.1	531	175	209	107
OBSB	2756	0.08	34.680	27.86			1495.9	538	204	220	119
OBSB	3006		34.685					535	200	228	119
OBSB	3256		34.699					544	168	219	111
OBSB	3404	-0.11	34.704	27.89			1506.4		195	217	113
ISL	0	-1.70	33.556	27.03	104.24	0.000	1439.4				
ISL	10	-1.71	33.533	27.01	105.93	0.011	1439.4				
ISL	20	-1.66	33.553	27.02	104.44	0.021	1439.9				
ISL	30	-1.54	33.597	27.06	101.24	0.031	1440.7				
ISL	50	-1.13	33.721	27.14	92.86	0.051	1443.1				
ISL	75	-0.98	34.115	27.46	63.15	0.070	1444.8				
ISL	100	-1.11	34.556	27.82	28.86	0.082	1445.2				
ISL	125	0.28	34.619	27.80	30.51	0.089	1452.1				
ISL	150	1.66	34.648	27.74	37.36	0.098	1458.8				
ISL	200	1.70	34.678	27.76	35.60	0.116	1459.8				
ISL	250	1.73	34.698	27.77	34.45	0.133	1460.8				
ISL	300	1.74	34.708	27.78	34.01	0.150	1461.7				
ISL	400	1.72	34.725	27.79	33.00	0.184	1463.3				
ISL	500	1.68	34.742	27.81	31.85	0.216	1464.8				
ISL	600	1.62	34.751	27.82	30.99	0.248	1466.2				
ISL	700	1.52	34.746	27.83	30.86	0.279	1467.4				
ISL	800	1.42	34.742	27.83	30.62	0.310	1468.6				
ISL	900	1.32	34.740	27.84	30.20	0.340	1469.9				
ISL	1000	1.22	34.739	27.84	29.66	0.370	1471.1				
ISL	1100	1.13	34.733	27.84	29.48	0.399	1472.3				
ISL	1200	1.04	34.726	27.84	29.39	0.429	1473.6				
ISL	1300	0.95	34.723	27.85	29.06	0.458	1474.9				
ISL	1400	0.87	34.722	27.85	28.54	0.487	1476.2				
ISL	1500	0.79	34.719	27.85	28.15	0.515	1477.6				
ISL	1750	0.62	34.708	27.86	27.60	0.585	1481.1				
ISL	2000	0.45	34.697	27.86	26.88	0.653	1484.6				
ISL	2250	0.29	34.690	27.86	25.77	0.719	1488.1				
ISL	2500	0.20	34.689	27.87	24.87	0.782	1492.0				
ISL	2750	0.08	34.680	27.86	24.12	0.843	1495.8				
ISL	3000	-0.01	34.685	27.87	22.61	0.902	1499.8				
ISL	3250	-0.08	34.699	27.89	20.61	0.956	1503.9				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	2	0		29	3	69	22.0	6412.0S	15001.0E	536	3557			353		22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	-1.54	33.505	26.98			1440.1	569Q	158	175	46
OBS	9	-1.58	33.483	26.96			1440.0	848	100	140	29
OBS	23	-1.38	33.567	27.03			1441.3	852	160	192	47
OBS	45	-0.82	33.703	27.12			1444.4	829	120	159	39
OBS A	91	1.29	34.567	27.70			1456.0	465	204	229	93
OBS	136	1.53	34.619	27.72			1457.9	439	121	175	63
OBS	182	1.65	34.639	27.73			1459.2	441			
OBS	368	1.73									
OBS	555	1.63	34.739	27.81			1465.5	464	154	180	71
OBS	744	1.46	34.746	27.83			1467.9	476	73	171	79
OBS	936	1.28	34.734	27.83			1470.3	490	135	224	
OBS A	1039	1.18	34.739	27.84			1471.6	481	110	290	93
OBS A	1179	1.08	34.735	27.85			1473.5	492	180	205	90
OBS A	1413	0.85	34.719	27.85			1476.4	498	160	187	86
OBS A	1649	0.73	34.715	27.86			1479.8	495	197	172	85
OBS A	1891	0.55	34.706	27.86			1483.2	511	179	180	86
OBS A	2134	0.40	34.698	27.86			1486.6	511	214	205	77
OBS A	2374	0.27	34.696	27.87			1490.2	530	165	205	102
OBS A	2617	0.16	34.687	27.87			1493.9	539	183	175	80
OBS A	2862	0.06	34.684	27.87			1497.7	555	179	217	106
OBS A	3109		34.692					564	194		98
OBS A	3256	-0.06	34.697	27.89			1504.1	558	160	195	90
ISL	0	-1.54	33.505	26.98	108.54	0.000	1440.0				
ISL	10	-1.58	33.488	26.97	109.72	0.011	1440.0				
ISL	20	-1.44	33.549	27.01	105.31	0.022	1440.9				
ISL	30	-1.23	33.610	27.06	101.17	0.032	1442.1				
ISL	50	-0.64	33.768	27.16	91.00	0.051	1445.5				
ISL	75	0.55	34.289	27.52	57.03	0.070	1452.0				
ISL	100	1.40	34.592	27.71	39.51	0.082	1456.7				
ISL	125	1.49	34.610	27.72	38.84	0.092	1457.5				
ISL	150	1.58	34.628	27.73	38.22	0.101	1458.4				
ISL	200	1.68	34.646	27.73	37.83	0.120	1459.7				
ISL	250	1.74	34.666	27.75	37.05	0.139	1460.8				
ISL	300	1.74	34.683	27.76	35.93	0.157	1461.6				
ISL	400	1.72	34.711	27.78	34.07	0.192	1463.3				
ISL	500	1.67	34.731	27.80	32.51	0.225	1464.7				
ISL	600	1.59	34.743	27.82	31.35	0.257	1466.1				
ISL	700	1.50	34.747	27.83	30.65	0.288	1467.3				
ISL	800	1.41	34.744	27.83	30.36	0.319	1468.6				
ISL	900	1.31	34.735	27.83	30.53	0.349	1469.8				
ISL	1000	1.22	34.738	27.84	29.72	0.379	1471.1				
ISL	1100	1.14	34.739	27.85	29.17	0.409	1472.4				
ISL	1200	1.06	34.734	27.85	29.06	0.438	1473.7				
ISL	1300	0.97	34.727	27.85	28.90	0.467	1475.0				
ISL	1400	0.86	34.720	27.85	28.61	0.496	1476.2				
ISL	1500	0.81	34.718	27.85	28.38	0.524	1477.7				
ISL	1750	0.65	34.711	27.86	27.70	0.594	1481.2				
ISL	2000	0.48	34.702	27.86	26.80	0.663	1484.7				
ISL	2250	0.33	34.697	27.86	25.74	0.728	1488.3				
ISL	2500	0.21	34.691	27.87	24.81	0.791	1492.1				
ISL	2750	0.10	34.684	27.87	24.08	0.852	1495.9				
ISL	3000	0.01	34.688	27.87	22.58	0.911	1499.9				
ISL	3250	-0.06	34.697	27.89	20.97	0.965	1504.0				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	3	0		1	4	69	7.0	6409.0S	15012.0E	536	3378			286		22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	-1.59	33.508	26.98			1439.8	864			
OBS	8	-1.61	33.538	27.01			1439.9	936Q			
OBS	21	-1.61	33.603	27.06			1440.2	851			
OBS	44	-0.73	33.752	27.15			1444.9	848			
OBS	88	1.25	34.556	27.69			1455.8	465			
OBS	132	1.58	34.639	27.74			1458.1	434			
OBS	176	1.70	34.669	27.75			1459.4	440			
OBS	352	1.76	34.724	27.79			1462.7	442			
OBS	528	1.65	34.744	27.82			1465.1	468			
OBS	713	1.49	34.744	27.83			1467.5	484			
OBSA	832	-1.83Q	34.749	28.00Q			1454.3Q				
OBS	902	1.36	34.747	27.84			1470.1	478			
OBSA	1020	1.23	34.727	27.83			1471.5				
OBSA	1214	1.00	34.722	27.84			1473.7	496			
OBSA	1424	0.87	34.710	27.84			1476.6	491			
OBSA	1646	0.69	34.698	27.84			1479.6	508			
OBSA	1874	0.56	34.697	27.85			1482.9	519			
OBSA	2108	0.44	34.697	27.86			1486.4	522			
OBSA	2338	0.30	34.697	27.87			1489.7	522			
OBSA	2570	0.17	34.687	27.87			1493.1	546			
OBSA	2810	0.13	34.690	27.87			1497.1	555			
OBSA	2956	0.05	34.690	27.87			1499.3	556			
ISL	0	-1.59	33.508	26.98	108.19	0.000	1439.8				
ISL	10	-1.61	33.548	27.02	105.00	0.011	1439.9				
ISL	20	-1.62	33.598	27.06	101.08	0.021	1440.1				
ISL	30	-1.32	33.654	27.10	97.50	0.031	1441.8				
ISL	50	-0.48	33.831	27.21	86.89	0.049	1446.3				
ISL	75	0.63	34.352	27.57	52.81	0.067	1452.5				
ISL	100	1.43	34.601	27.72	39.08	0.078	1456.9				
ISL	125	1.54	34.630	27.73	37.75	0.088	1457.8				
ISL	150	1.65	34.657	27.75	36.59	0.097	1458.7				
ISL	200	1.74	34.682	27.76	35.64	0.115	1460.0				
ISL	250	1.78	34.704	27.77	34.51	0.133	1461.0				
ISL	300	1.77	34.714	27.78	33.84	0.150	1461.8				
ISL	400	1.75	34.732	27.80	32.66	0.183	1463.4				
ISL	500	1.67	34.743	27.81	31.67	0.215	1464.7				
ISL	600	1.59	34.743	27.82	31.30	0.247	1466.0				
ISL	700	1.50	34.744	27.83	30.86	0.278	1467.3				
ISL	800	1.43	34.748	27.83	30.22	0.308	1468.7				
ISL	900	1.36	34.747	27.84	30.04	0.339	1470.1				
ISL	1000	1.25	34.730	27.83	30.65	0.369	1471.2				
ISL	1100	1.14	34.725	27.84	30.17	0.399	1472.4				
ISL	1200	1.02	34.723	27.84	29.48	0.429	1473.5				
ISL	1300	0.95	34.717	27.84	29.48	0.459	1474.9				
ISL	1400	0.89	34.711	27.84	29.48	0.488	1476.3				
ISL	1500	0.81	34.706	27.84	29.33	0.517	1477.7				
ISL	1750	0.63	34.697	27.85	28.44	0.590	1481.1				
ISL	2000	0.49	34.697	27.85	27.33	0.659	1484.8				
ISL	2250	0.35	34.697	27.86	25.93	0.726	1488.4				
ISL	2500	0.20	34.689	27.87	24.88	0.789	1492.1				
ISL	2750	0.15	34.690	27.87	24.19	0.851	1496.1				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	4	0		3	4	69	6.0	6200.0S	14958.0E	537	3711			93		22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	0.46	33.925	27.24			1449.9	679Q		190	30
OBS	10	0.43	33.929	27.24			1449.9	816		170	33
OBS	25	0.41	33.927	27.24			1450.1	861		179	37
OBS	50	0.39	33.932	27.25			1450.4	773Q		214	37
OBS	100	0.93	34.379	27.57			1454.3	522		234	85
OBS	150	1.74	34.514	27.62			1458.9	442		233	89
OBS	200	1.95	34.574	27.66			1460.8	428		233	95
OBS	400	1.95	34.673	27.74			1464.2	435		231	96
OBS	600	1.90	34.707	27.77			1467.4	457		228	95
OBS	800	1.74	34.727	27.79			1470.0	477		229	97
OBS	1000	1.56	34.733	27.81			1472.6	485		229	96
OBS A	1102	1.44	34.737	27.83			1473.8	509		225	99
OBS A	1252	1.34	34.738	27.83			1475.9	505		223	102
OBS A	1504	1.10	34.717	27.83			1479.0	505		228	104
OBS A	1754	0.93	34.712	27.84			1482.5	512		228	110
OBS A	2004	0.93	34.696	27.83			1486.8	523		226	99
OBS A	2254	0.55	34.693	27.85			1489.4	525		224	101
OBS A	2506	0.42	34.687	27.85			1493.1	543		226	119
OBS A	2756	0.27	34.680	27.85			1496.8	555		233	108
OBS A	3005	0.16	34.673	27.85			1500.6	568		231	100
OBS A	3256	0.10	34.676	27.86			1504.7	565		238	115
OBS A	3401	0.05	34.677	27.86			1507.1	589		233	119
ISL	0	0.46	33.925	27.24	84.26	0.000	1449.9				
ISL	10	0.43	33.929	27.24	83.80	0.008	1449.9				
ISL	20	0.42	33.927	27.24	83.84	0.017	1450.0				
ISL	30	0.40	33.927	27.24	83.79	0.025	1450.2				
ISL	50	0.39	33.932	27.25	83.32	0.042	1450.4				
ISL	75	0.58	34.170	27.43	66.24	0.061	1452.0				
ISL	100	0.93	34.379	27.57	52.56	0.075	1454.3				
ISL	125	1.30	34.468	27.62	48.29	0.088	1456.5				
ISL	150	1.74	34.514	27.62	48.09	0.100	1458.9				
ISL	200	1.95	34.574	27.66	45.37	0.123	1460.8				
ISL	250	1.97	34.619	27.69	42.39	0.145	1461.7				
ISL	300	1.96	34.643	27.71	40.73	0.166	1462.6				
ISL	400	1.95	34.673	27.74	38.81	0.206	1464.2				
ISL	500	1.94	34.694	27.75	37.57	0.244	1465.8				
ISL	600	1.90	34.707	27.77	36.73	0.281	1467.4				
ISL	700	1.83	34.719	27.78	35.60	0.317	1468.7				
ISL	800	1.74	34.727	27.79	34.61	0.353	1470.0				
ISL	900	1.66	34.730	27.80	34.01	0.387	1471.3				
ISL	1000	1.56	34.733	27.81	33.22	0.420	1472.6				
ISL	1100	1.44	34.737	27.82	32.15	0.453	1473.8				
ISL	1200	1.38	34.739	27.83	31.71	0.485	1475.1				
ISL	1300	1.30	34.735	27.83	31.48	0.517	1476.5				
ISL	1400	1.20	34.724	27.83	31.53	0.548	1477.7				
ISL	1500	1.10	34.717	27.83	31.39	0.580	1479.0				
ISL	1750	0.93	34.712	27.84	30.51	0.657	1482.4				
ISL	2000	0.93	34.696	27.83	32.11	0.735	1486.7				
ISL	2250	0.55	34.693	27.85	28.47	0.811	1489.3				
ISL	2500	0.42	34.687	27.85	27.56	0.881	1493.0				
ISL	2750	0.27	34.680	27.85	26.38	0.948	1496.7				
ISL	3000	0.16	34.673	27.85	25.53	1.013	1500.5				
ISL	3250	0.10	34.676	27.86	24.53	1.076	1504.6				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	5	0		5	4	69	3.0	6141.0S	14956.0E	537	3598			146		22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	0.57	33.878	27.19			1450.4			207	39
OBS	10	0.56	33.876	27.19			1450.5	417Q		230	72
OBS	25	0.55	33.878	27.19			1450.7	806		198	84
OBS	49	0.57	33.872	27.19			1451.1	842		234	89
OBS	98	0.24	34.266	27.52			1451.0	809		226	92
OBS	147	1.68	34.470	27.59			1458.5	803		214	30
OBS	197	1.92	34.530	27.62			1460.5	578		211	34
OBS	394	2.02	34.655	27.72			1464.4	438		209	30
OBS	591	1.93	34.702	27.76			1467.3	441		230	87
OBS	789	1.81	34.730	27.79			1470.1	443		228	92
OBS	986	1.64	34.729	27.80			1472.6	472		230	100
OBS A	1069	1.61	34.732	27.81			1473.9			228	98
OBS A	1215	1.45	34.738	27.83			1475.6	448		231	103
OBS A	1457	1.21	34.723	27.83			1478.6	458		230	105
OBS A	1702	1.05	34.713	27.83			1482.0	460		230	102
OBS A	1951	1.05	34.701	27.82			1486.2	436Q		233	114
OBS A	2199	0.64	34.690	27.84			1488.6			228	102
OBS A	2447	0.49	34.687	27.85			1492.2	426Q		233	76
OBS A	2696	0.34	34.683	27.85			1495.8	432Q		233	118
OBS A	2945	0.21	34.679	27.86			1499.6	468Q		231	117
OBS A	3195	0.13	34.674	27.86			1503.5	526		233	99
OBS A	3345	0.10	34.673	27.86			1506.0	447Q		233	118
ISL	0	0.57	33.878	27.19	88.44	0.000	1450.3				
ISL	10	0.56	33.876	27.19	88.52	0.009	1450.5				
ISL	20	0.55	33.878	27.19	88.35	0.018	1450.6				
ISL	30	0.55	33.878	27.19	88.33	0.027	1450.7				
ISL	50	0.57	33.876	27.19	88.54	0.044	1451.1				
ISL	75	0.45	34.103	27.38	70.60	0.064	1451.3				
ISL	100	0.27	34.278	27.53	56.33	0.080	1451.2				
ISL	125	1.13	34.399	27.58	52.31	0.094	1455.6				
ISL	150	1.72	34.477	27.60	50.74	0.106	1458.8				
ISL	200	1.93	34.533	27.63	48.30	0.131	1460.6				
ISL	250	2.03	34.581	27.66	45.72	0.155	1461.9				
ISL	300	2.02	34.617	27.68	43.19	0.177	1462.8				
ISL	400	2.02	34.657	27.72	40.56	0.219	1464.5				
ISL	500	1.98	34.685	27.74	38.59	0.258	1466.0				
ISL	600	1.93	34.704	27.76	37.18	0.296	1467.4				
ISL	700	1.87	34.721	27.78	35.86	0.333	1468.9				
ISL	800	1.80	34.731	27.79	34.92	0.368	1470.2				
ISL	900	1.72	34.728	27.80	34.71	0.403	1471.5				
ISL	1000	1.63	34.729	27.80	34.21	0.437	1472.8				
ISL	1100	1.58	34.733	27.81	33.74	0.471	1474.3				
ISL	1200	1.47	34.737	27.82	32.68	0.505	1475.5				
ISL	1300	1.36	34.732	27.83	32.31	0.537	1476.7				
ISL	1400	1.26	34.726	27.83	32.06	0.569	1477.9				
ISL	1500	1.17	34.721	27.83	31.82	0.601	1479.2				
ISL	1750	1.04	34.711	27.83	31.72	0.681	1482.8				
ISL	2000	0.99	34.699	27.83	32.58	0.761	1486.8				
ISL	2250	0.61	34.689	27.84	29.35	0.838	1489.4				
ISL	2500	0.46	34.686	27.85	28.04	0.910	1493.0				
ISL	2750	0.31	34.682	27.85	26.69	0.979	1496.6				
ISL	3000	0.19	34.678	27.86	25.52	1.044	1500.4				
ISL	3250	0.12	34.673	27.86	24.93	1.107	1504.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	6	0		6	4	69	9.0	6144.0S	15002.0E	536	3607			125		3

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	22	0.50	33.891	27.21			1450.4	849			
OBS	188	1.83	34.547	27.64			1460.0	425			
OBS	1940	0.85	34.715	27.85			1485.2	524			

EL 38	7	0		7	4	69	9.0	6155.0S	15004.0E	536	3711			155		22

OBS	2	0.37	33.895	27.22			1449.5	846Q			
OBS	10	0.38	33.894	27.22			1449.7	883			
OBS	24	0.39	33.896	27.22			1449.9	876			
OBS	49	0.41	33.903	27.22			1450.5	864			
OBS	73	0.29	33.956	27.27			1450.4	816			
OBS	97	0.02	34.214	27.49			1449.9	697Q			
OBS	146	1.60	34.476	27.60			1458.2	458			
OBS	197	1.78	34.539	27.64			1459.9	437			
OBS	391	1.99	34.667	27.73			1464.2	445			
OBS	585	1.89	34.709	27.77			1467.0	459			
OBS	779	1.77	34.729	27.79			1469.8	480			
OBS	973	1.64	34.743	27.82			1472.4	482			
OBS A	1232	1.40	34.741	27.83			1475.7	495			
OBS A	1469	1.16	34.730	27.84			1478.6	518			
OBS A	1710	1.00	34.720	27.84			1482.0	508			
OBS A	1957	1.00	34.710	27.83			1486.2	515			
OBS A	2207	0.60	34.700	27.85			1488.6	540			
OBS A	2458	0.47	34.687	27.85			1492.3	521			
OBS A	2708	0.32	34.686	27.86			1496.0	542			
OBS A	2959	0.19	34.682	27.86			1499.8	562			
OBS A	3209	0.09	34.676	27.86			1503.7	579			
OBS A	3359	0.04	34.678	27.86			1506.1	579			
ISL	0	0.37	33.895	27.22	86.07	0.000	1449.5				
ISL	10	0.38	33.894	27.22	86.20	0.009	1449.7				
ISL	20	0.39	33.895	27.22	86.14	0.017	1449.9				
ISL	30	0.39	33.897	27.22	86.10	0.026	1450.1				
ISL	50	0.41	33.904	27.22	85.53	0.043	1450.5				
ISL	75	0.27	33.970	27.28	79.76	0.064	1450.3				
ISL	100	0.06	34.239	27.51	58.20	0.081	1450.2				
ISL	125	1.05	34.403	27.58	51.50	0.095	1455.3				
ISL	150	1.67	34.487	27.61	49.52	0.107	1458.6				
ISL	200	1.79	34.542	27.64	46.53	0.131	1460.0				
ISL	250	1.91	34.591	27.67	43.99	0.154	1461.4				
ISL	300	1.98	34.628	27.70	41.97	0.175	1462.6				
ISL	400	1.99	34.671	27.73	39.35	0.216	1464.4				
ISL	500	1.94	34.696	27.76	37.42	0.254	1465.8				
ISL	600	1.88	34.711	27.77	36.23	0.291	1467.3				
ISL	700	1.82	34.722	27.78	35.31	0.327	1468.7				
ISL	800	1.76	34.731	27.80	34.48	0.362	1470.1				
ISL	900	1.69	34.739	27.81	33.68	0.396	1471.4				
ISL	1000	1.62	34.744	27.82	32.99	0.429	1472.8				
ISL	1100	1.53	34.745	27.82	32.40	0.462	1474.1				
ISL	1200	1.43	34.742	27.83	32.00	0.494	1475.3				
ISL	1300	1.33	34.738	27.83	31.64	0.526	1476.6				
ISL	1400	1.23	34.733	27.84	31.24	0.557	1477.8				
ISL	1500	1.13	34.729	27.84	30.85	0.589	1479.0				
ISL	1750	0.99	34.718	27.84	30.66	0.665	1482.6				
ISL	2000	0.95	34.708	27.84	31.47	0.743	1486.7				
ISL	2250	0.58	34.698	27.85	28.36	0.818	1489.3				
ISL	2500	0.45	34.687	27.85	27.86	0.888	1493.0				
ISL	2750	0.30	34.685	27.86	26.27	0.956	1496.6				
ISL	3000	0.17	34.681	27.86	25.08	1.020	1500.4				
ISL	3250	0.08	34.676	27.86	24.16	1.082	1504.3				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	8	0		17	4	69	18.0	5726.0S	14934.0E	501	3228			284		20

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2· ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	3.72	33.852	26.92			1464.2	767			
OBS	9	3.72	33.855	26.93			1464.3	761			
OBS	23	3.72	33.854	26.93			1464.5	755			
OBS	46	3.73	33.856	26.93			1464.9	755			
OBS	69	3.71	33.865	26.94			1465.2	751			
OBS	93	1.88	33.942	27.16			1457.8	765			
OBS	140	0.44	34.001	27.30			1452.2				
OBS A	158	1.76	34.213	27.38			1458.7	522			
OBS	386	2.35	34.491	27.56			1465.5	426			
OBS	585	2.36	34.601	27.64			1469.0				
OBS	784	2.25	34.683	27.72			1471.9	432			
OBS A	789	2.22	34.683	27.72			1471.8	432Q			
OBS A	985	2.10	34.717	27.76			1474.6	411			
OBS A	1183	1.90	34.743	27.80			1477.1				
OBS A	1378	1.74	34.741	27.81			1479.7	453			
OBS A	1572	1.60	34.740	27.82			1482.4	451			
OBS A	1771	1.60Q	34.742	27.82Q			1485.7Q	467			
OBS A	1967	1.20	34.727	27.83			1487.3	489			
OBS A	2170	1.04	34.725	27.84			1490.0	545Q			
OBS A	2384	0.90	34.721	27.85			1493.1	479Q			
ISL	0	3.72	33.852	26.92	113.82	0.000	1464.1				
ISL	10	3.72	33.855	26.93	113.67	0.011	1464.3				
ISL	20	3.72	33.854	26.93	113.82	0.023	1464.5				
ISL	30	3.72	33.854	26.93	113.92	0.034	1464.6				
ISL	50	3.73	33.857	26.93	113.92	0.057	1465.0				
ISL	75	3.33	33.881	26.99	108.61	0.085	1463.7				
ISL	100	1.48	33.957	27.20	88.12	0.109	1456.2				
ISL	125	0.15	33.992	27.31	77.37	0.130	1450.6				
ISL	150	1.16	34.121	27.35	73.68	0.149	1455.8				
ISL	200	2.14	34.338	27.45	64.66	0.183	1461.2				
ISL	250	2.18	34.374	27.48	62.48	0.215	1462.3				
ISL	300	2.24	34.416	27.51	60.09	0.246	1463.5				
ISL	400	2.36	34.502	27.57	55.22	0.304	1465.8				
ISL	500	2.38	34.561	27.61	51.56	0.357	1467.6				
ISL	600	2.36	34.608	27.65	48.26	0.407	1469.2				
ISL	700	2.34	34.658	27.69	44.88	0.453	1470.8				
ISL	800	2.21	34.684	27.72	42.24	0.497	1472.0				
ISL	900	2.16	34.703	27.74	40.82	0.539	1473.4				
ISL	1000	2.09	34.719	27.76	39.40	0.579	1474.8				
ISL	1100	1.98	34.735	27.78	37.60	0.617	1476.1				
ISL	1200	1.88	34.743	27.80	36.47	0.654	1477.3				
ISL	1300	1.80	34.742	27.80	36.08	0.690	1478.6				
ISL	1400	1.72	34.741	27.81	35.73	0.726	1480.0				
ISL	1500	1.65	34.740	27.81	35.39	0.762	1481.4				
ISL	1750	1.42	34.742	27.83	33.55	0.848	1484.6				
ISL	2000	1.17	34.727	27.84	32.57	0.931	1487.7				
ISL	2250	0.98	34.723	27.85	31.16	1.010	1491.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	9	0		20	4	69	5.0	5718.0S	14935.0E	501	3235			332		22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2\cdot$ml/l	PHOS $10^2\cdot\mu$gat/l	NITR $10\cdot\mu$gat/l	SILIC μgat/l
OBS	2	3.53	33.827	26.92			1463.3	774	126	231	4
OBS	9	3.59	33.826	26.92			1463.7	769	145	227	4
OBS	23	3.58	33.826	26.92			1463.9	782	134	235	7
OBS	45	3.59	33.823	26.91			1464.3	768	138	232	7
OBS	68	3.60	33.825	26.92			1464.7	763	151	216	6
OBS A	100	-0.11	33.990	27.32			1449.0	789	177	167	27
OBS	113	-0.16	33.990	27.32			1449.0	791	252	173	45
OBS	136	-0.45	34.029	27.37			1448.1	792	216	181	65
OBS	159	-0.22	34.066	27.39			1449.6	751	173	178	88
OBS	182	0.16	34.125	27.41			1451.8	696	169	202	94
OBS	367	1.81	34.492	27.60			1462.8	436	203	210	96
OBS	555	2.19	34.632	27.68			1467.8	413	186	208	96
OBS	744	2.09	34.674	27.73			1470.5	414	242	193	97
OBS	933	1.96	34.709	27.76			1473.2	441	179	197	101
OBS A	1377	1.64	34.736	27.81			1479.2	460	173	213	104
OBS A	1753	1.33	34.718	27.82			1484.2	488	195	219	106
OBS A	2003	1.08	34.714	27.83			1487.4	466Q	169	222	109
OBS A	2254	0.96	34.702	27.83			1491.1	505	177	220	104
OBS A	2504	0.78	34.702	27.84			1494.6	501	186	225	116
OBS A	2754	0.61	34.686	27.84			1498.2	523	180	219	116
OBS A	3004	0.50	34.683	27.84			1502.0	522	237	233	120
OBS A	3204	0.44	34.684	27.85			1505.2	538	239	228	95
ISL	0	3.53	33.827	26.92	113.96	0.000	1463.3				
ISL	10	3.59	33.826	26.92	114.67	0.011	1463.7				
ISL	20	3.58	33.826	26.92	114.62	0.023	1463.8				
ISL	30	3.58	33.825	26.92	114.79	0.034	1464.0				
ISL	50	3.59	33.823	26.91	115.20	0.057	1464.4				
ISL	75	3.05	33.849	26.99	108.53	0.085	1462.5				
ISL	100	-0.11	33.990	27.32	76.31	0.108	1449.0				
ISL	125	-0.29	34.010	27.34	73.85	0.127	1448.7				
ISL	150	-0.34	34.052	27.38	70.39	0.145	1448.9				
ISL	200	0.40	34.170	27.44	65.24	0.179	1453.3				
ISL	250	1.05	34.283	27.49	60.82	0.211	1457.2				
ISL	300	1.49	34.384	27.54	56.54	0.240	1460.1				
ISL	400	1.95	34.531	27.62	49.54	0.293	1464.0				
ISL	500	2.16	34.607	27.67	45.99	0.341	1466.7				
ISL	600	2.18	34.645	27.69	43.86	0.386	1468.5				
ISL	700	2.12	34.665	27.72	42.27	0.429	1469.9				
ISL	800	2.05	34.685	27.74	40.64	0.470	1471.3				
ISL	900	1.98	34.704	27.76	39.06	0.510	1472.7				
ISL	1000	1.91	34.718	27.77	37.75	0.549	1474.1				
ISL	1100	1.84	34.727	27.79	36.79	0.586	1475.5				
ISL	1200	1.77	34.734	27.80	36.01	0.622	1476.8				
ISL	1300	1.70	34.736	27.81	35.45	0.658	1478.2				
ISL	1400	1.62	34.736	27.81	35.04	0.693	1479.6				
ISL	1500	1.55	34.729	27.81	35.11	0.728	1480.9				
ISL	1750	1.33	34.718	27.82	34.37	0.815	1484.2				
ISL	2000	1.08	34.714	27.83	32.48	0.899	1487.3				
ISL	2250	0.96	34.702	27.83	32.47	0.980	1491.1				
ISL	2500	0.78	34.702	27.84	30.73	1.059	1494.6				
ISL	2750	0.61	34.686	27.84	30.11	1.135	1498.1				
ISL	3000	0.50	34.683	27.84	29.11	1.209	1502.0				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	10	0		20	4	69	20.0	5732.0S	14915.0E	501	3828			124		22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	1	1.53	33.833	27.10			1454.6	809		217	9
OBS	8	1.36	33.842	27.11			1454.0	812	120	183	11
OBS	23	1.02	33.870	27.16			1452.7	807	123	185	14
OBS	45	0.66	33.898	27.20			1451.5	822	240	179	21
OBS	68	0.46	33.919	27.23			1451.0	810	280	211	21
OBS	92	0.18	33.930	27.26			1450.1	715	171	232	26
OBS	115	0.61	34.329	27.55			1453.0	536	188	227	60
OBS	138	1.12	34.408	27.58			1455.8	480	187	231	58
OBS	161	1.52	34.471	27.61			1458.1	448	142	229	62
OBS	184	1.70	34.514	27.63			1459.3	429	241	230	72
OBS	372	1.61	34.664	27.75			1462.2	419	166	241	74
OBS	562	1.88	34.705	27.77			1466.6	428	215	193	75
OBS	754	1.78	34.732	27.80			1469.4	442Q	151	228	79
OBS	947	1.67	34.736	27.81			1472.1	468	190	213	91
OBSA	1241	1.32	34.729	27.83			1475.5	462	178	231	79
OBSA	1591	1.01	34.714	27.84			1480.0	485	200	235	63
OBSA	1825	0.86	34.701	27.84			1483.3	492	240	224	91
OBSA	2059	0.87	34.697	27.83			1487.3	493	196	232	96
OBSA	2292	0.55	34.689	27.85			1489.9	509	227	198	87
OBSA	2530	0.38	34.681	27.85			1493.2	514	222	216	86
OBSA	2771	0.35	34.674	27.84			1497.2	522	175	231	84
OBSA	3258	0.27	34.679	27.85			1505.4	529	189	224	101
ISL	0	1.53	33.833	27.10	97.68	0.000	1454.6				
ISL	10	1.31	33.845	27.12	95.34	0.010	1453.8				
ISL	20	1.08	33.865	27.15	92.41	0.019	1453.0				
ISL	30	0.89	33.880	27.18	90.06	0.028	1452.3				
ISL	50	0.61	33.903	27.21	86.75	0.046	1451.4				
ISL	75	0.38	33.923	27.24	83.96	0.067	1450.8				
ISL	100	0.30	34.052	27.35	73.68	0.087	1451.0				
ISL	125	0.83	34.368	27.57	52.76	0.103	1454.2				
ISL	150	1.35	34.443	27.60	50.63	0.116	1457.1				
ISL	200	1.73	34.537	27.64	46.47	0.140	1459.7				
ISL	250	1.64	34.602	27.70	41.07	0.162	1460.3				
ISL	300	1.62	34.632	27.73	38.81	0.182	1461.0				
ISL	400	1.63	34.677	27.76	35.87	0.219	1462.8				
ISL	500	1.82	34.694	27.76	36.55	0.255	1465.3				
ISL	600	1.86	34.712	27.77	36.03	0.292	1467.2				
ISL	700	1.81	34.726	27.79	34.88	0.327	1468.6				
ISL	800	1.75	34.735	27.80	34.18	0.362	1470.1				
ISL	900	1.70	34.736	27.81	33.97	0.396	1471.5				
ISL	1000	1.61	34.736	27.81	33.55	0.429	1472.8				
ISL	1100	1.48	34.734	27.82	32.72	0.463	1473.9				
ISL	1200	1.36	34.730	27.83	32.20	0.495	1475.0				
ISL	1300	1.26	34.727	27.83	31.72	0.527	1476.2				
ISL	1400	1.17	34.723	27.83	31.34	0.558	1477.5				
ISL	1500	1.08	34.719	27.84	31.05	0.590	1478.8				
ISL	1750	0.89	34.705	27.84	30.60	0.667	1482.2				
ISL	2000	0.88	34.698	27.83	31.35	0.744	1486.4				
ISL	2250	0.60	34.690	27.84	29.12	0.820	1489.4				
ISL	2500	0.39	34.682	27.85	27.60	0.891	1492.7				
ISL	2750	0.35	34.674	27.84	27.75	0.960	1496.9				
ISL	3000	0.31	34.673	27.85	27.41	1.029	1501.0				
ISL	3250	0.27	34.679	27.85	26.55	1.096	1505.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	11	0		22	4	69	3.0	5442.0S	15019.0E	500	3928			187		22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	6.47	33.971	26.70			1475.6	713			
OBS	9	6.49	33.969	26.70			1475.8	706			
OBS	23	6.48	33.968	26.70			1476.0	707			
OBS	46	6.50	33.965	26.69			1476.5	713			
OBS	69	6.23	33.949	26.72			1475.7	715			
OBS	92	6.37	34.205	26.90			1477.0	676			
OBS	115	6.52	34.262	26.92			1478.1	660			
OBS	138	6.08	34.223	26.95			1476.6	648			
OBS	161	6.04	34.227	26.96			1476.9	660			
OBS	184	5.92	34.236	26.98			1476.8	644			
OBS	368	4.74	34.247	27.13			1475.0	572			
OBS	549	3.85						505			
OBS	727	3.10	34.357	27.39			1474.2	459			
OBS	900	2.60	34.444	27.50			1475.0	430			
OBSA	996		34.495					397			
OBSA	1172	2.45	34.581	27.62			1479.1	543Q			
OBSA	1563	2.24	34.684	27.72			1484.9	454			
OBSA	1762	2.10	34.714	27.76			1487.7	475Q			
OBSA	1966	1.96						486			
OBSA	2170	1.72	34.736	27.80			1493.0	502			
OBSA	2383	1.84Q									
OBSA	2826	1.06									
ISL	0	6.47	33.971	26.70	134.94	0.000	1475.6				
ISL	10	6.49	33.969	26.70	135.52	0.014	1475.8				
ISL	20	6.48	33.968	26.70	135.59	0.027	1476.0				
ISL	30	6.48	33.967	26.70	135.79	0.041	1476.1				
ISL	50	6.47	33.963	26.70	136.29	0.068	1476.4				
ISL	75	6.26	34.001	26.75	131.17	0.101	1476.0				
ISL	100	6.42	34.244	26.92	115.42	0.132	1477.4				
ISL	125	6.32	34.241	26.93	114.68	0.161	1477.4				
ISL	150	6.06	34.224	26.95	113.12	0.189	1476.8				
ISL	200	5.83	34.239	27.00	109.67	0.245	1476.7				
ISL	250	5.51	34.242	27.04	106.33	0.299	1476.2				
ISL	300	5.17	34.240	27.08	102.95	0.351	1475.6				
ISL	400	4.57	34.252	27.15	96.12	0.451	1474.8				
ISL	500	4.07	34.275	27.22	89.90	0.544	1474.4				
ISL	600	3.61	34.305	27.30	83.48	0.631	1474.2				
ISL	700	3.20	34.345	27.37	76.88	0.711	1474.1				
ISL	800	2.85	34.392	27.44	70.43	0.784	1474.4				
ISL	900	2.60	34.444	27.50	64.52	0.852	1475.0				
ISL	1000	2.54	34.497	27.55	60.53	0.914	1476.5				
ISL	1100	2.49	34.548	27.59	56.71	0.973	1478.0				
ISL	1200	2.43	34.592	27.63	53.44	1.028	1479.5				
ISL	1300	2.38	34.627	27.66	50.76	1.080	1481.0				
ISL	1400	2.33	34.652	27.69	48.84	1.130	1482.5				
ISL	1500	2.27	34.671	27.71	47.33	1.178	1484.0				
ISL	1750	2.11	34.713	27.75	43.56	1.292	1487.5				
ISL	2000	1.92	34.734	27.79	40.88	1.397	1491.0				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	12	0		22	4	69	23.0	5358.0S	15115.0E	500	4268			224		22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	5.12	33.832	26.76			1470.0	718			
OBS	10	5.05	33.829	26.76			1469.8	719			
OBS	25	5.03	33.817	26.76			1470.0	725			
OBS	50	5.03	33.812	26.75			1470.4	715			
OBS	75	5.02	33.813	26.76			1470.7	717			
OBS	100	5.04	33.843	26.78			1471.3	742			
OBS	125	4.34	34.033	27.00			1469.0	714			
OBS	150	3.58	34.012	27.07			1466.2	719			
OBS	175	3.48	34.021	27.08			1466.2	716			
OBS	200	3.41	34.062	27.12			1466.4	690			
OBS	400	3.24	34.234	27.27			1469.2	556			
OBS	600	2.83	34.337	27.39			1470.9	488			
OBS	800	2.72	34.465	27.51			1473.9	428			
OBS	1000	2.52	34.564	27.60			1476.5	401			
OBSA	1320	2.35	34.672	27.70			1481.3	409			
OBSA	1547	2.21	34.712	27.75			1484.6	434			
OBSA	2006	1.92	34.747	27.80			1491.1	449			
OBSA	2463	1.43	34.737	27.83			1496.8	475			
OBSA	2925	1.04	34.720	27.84			1503.1	483			
OBSA	3392	0.73	34.701	27.84			1509.8	503			
OBSA	3637	0.69	34.698	27.84			1514.0	510			
OBSA	3882	0.69	34.697	27.84			1518.3	498			
ISL	0	5.12	33.832	26.76	129.54	0.000	1470.0				
ISL	10	5.05	33.829	26.76	129.10	0.013	1469.8				
ISL	20	5.03	33.821	26.76	129.66	0.026	1469.9				
ISL	30	5.03	33.815	26.76	130.16	0.039	1470.1				
ISL	50	5.03	33.812	26.75	130.58	0.065	1470.4				
ISL	75	5.02	33.813	26.76	130.67	0.098	1470.7				
ISL	100	5.04	33.843	26.78	128.90	0.130	1471.3				
ISL	125	4.34	34.033	27.00	107.41	0.160	1469.0				
ISL	150	3.58	34.012	27.07	101.60	0.186	1466.2				
ISL	200	3.41	34.062	27.12	96.60	0.235	1466.4				
ISL	250	3.35	34.127	27.18	91.52	0.282	1467.0				
ISL	300	3.34	34.169	27.21	88.67	0.327	1467.9				
ISL	400	3.24	34.234	27.27	83.48	0.413	1469.2				
ISL	500	3.04	34.283	27.33	78.58	0.494	1470.1				
ISL	600	2.83	34.337	27.39	73.05	0.570	1470.9				
ISL	700	2.78	34.400	27.45	68.47	0.641	1472.4				
ISL	800	2.72	34.465	27.51	63.62	0.707	1473.9				
ISL	900	2.62	34.518	27.56	59.27	0.769	1475.2				
ISL	1000	2.52	34.564	27.60	55.34	0.826	1476.5				
ISL	1100	2.47	34.604	27.64	52.36	0.880	1478.0				
ISL	1200	2.42	34.639	27.67	49.78	0.931	1479.5				
ISL	1300	2.36	34.667	27.70	47.61	0.979	1481.0				
ISL	1400	2.30	34.689	27.72	45.85	1.026	1482.5				
ISL	1500	2.24	34.706	27.74	44.38	1.071	1483.9				
ISL	1750	2.08	34.734	27.77	41.68	1.179	1487.5				
ISL	2000	1.92	34.747	27.80	39.94	1.281	1491.1				
ISL	2250	1.65	34.743	27.82	37.72	1.378	1494.1				
ISL	2500	1.40	34.736	27.83	35.87	1.470	1497.3				
ISL	2750	1.18	34.727	27.84	34.33	1.558	1500.7				
ISL	3000	0.98	34.717	27.84	33.00	1.642	1504.1				
ISL	3250	0.79	34.707	27.84	31.54	1.722	1507.6				
ISL	3500	0.70	34.699	27.84	31.14	1.801	1511.6				
ISL	3750	0.68	34.697	27.84	31.28	1.879	1515.9				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	13	0		23	4	69	9.0	5340.0S	15137.0E	500	3957			106		22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	5.37	33.860	26.75			1471.0	694Q			
OBS	9	5.29	33.836	26.74			1470.8	644Q			
OBS	23	5.23	33.844	26.76			1470.8	668Q			
OBS	45	5.21	33.829	26.75			1471.1	658Q			
OBS	67	5.07	33.817	26.75			1470.8	685			
OBS	89	5.05	33.828	26.76			1471.1	716			
OBS	111	4.11	34.009	27.01			1467.8	709			
OBS	134	3.69	34.020	27.06			1466.4	709			
OBS	155	4.23Q	34.126	27.09Q			1469.2Q	659			
OBSA	197	3.41	34.113	27.16			1466.4	682			
OBS	358	3.42	34.285	27.30			1469.3	560			
OBS	538	3.13	34.357	27.38			1471.2	472			
OBS	726	2.75	34.444	27.49			1472.8	435			
OBS	921	2.53	34.564	27.60			1475.3	409			
OBSA	1250	2.34	34.440Q	27.52Q			1479.8Q	429			
OBSA	1741	2.00	34.617	27.69			1486.9	412			
OBSA	2232	1.54	34.746	27.83			1493.4	443			
OBSA	2728	1.11	34.720	27.83			1500.0	491			
OBSA	3207	0.78	34.735	27.87			1506.9	482			
OBSA	3680	0.70	34.708	27.85			1514.9	503			
OBSA	3918	0.71	34.724	27.86			1519.2	501			
OBSA	4156	0.73									
ISL	0	5.37	33.860	26.75	130.21	0.000	1471.0				
ISL	10	5.28	33.835	26.74	131.18	0.013	1470.8				
ISL	20	5.24	33.843	26.75	130.24	0.026	1470.8				
ISL	30	5.22	33.839	26.75	130.38	0.039	1470.9				
ISL	50	5.19	33.826	26.75	131.29	0.065	1471.0				
ISL	75	5.05	33.817	26.75	130.78	0.098	1470.9				
ISL	100	4.54	33.918	26.89	117.84	0.129	1469.3				
ISL	125	3.79	34.005	27.04	104.00	0.157	1466.7				
ISL	150	3.51	34.107	27.15	93.82	0.182	1466.1				
ISL	200	3.40	34.114	27.16	92.61	0.228	1466.4				
ISL	250	3.43	34.170	27.21	89.03	0.274	1467.4				
ISL	300	3.44	34.233	27.26	84.76	0.317	1468.4				
ISL	400	3.38	34.302	27.32	79.77	0.399	1469.9				
ISL	500	3.20	34.341	27.36	75.79	0.477	1470.8				
ISL	600	3.01	34.383	27.41	71.41	0.551	1471.7				
ISL	700	2.80	34.431	27.47	66.35	0.620	1472.5				
ISL	800	2.65	34.487	27.53	61.27	0.683	1473.7				
ISL	900	2.55	34.553	27.59	55.92	0.742	1475.0				
ISL	1000	2.49	34.583	27.62	53.57	0.797	1476.4				
ISL	1100	2.43	34.582	27.62	53.52	0.850	1477.8				
ISL	1200	2.37	34.571	27.62	54 28	0.904	1479.3				
ISL	1300	2.31	34.567	27.62	54.42	0.959	1480.7				
ISL	1400	2.25	34.571	27.63	53.87	1.013	1482.1				
ISL	1500	2.18	34.582	27.64	52.88	1.066	1483.5				
ISL	1750	1.99	34.619	27.69	49.05	1.194	1487.0				
ISL	2000	1.75	34.680	27.76	42.77	1.308	1490.3				
ISL	2250	1.52	34.747	27.83	35.89	1.407	1493.6				
ISL	2500	1.30	34.728	27.83	35.17	1.495	1496.9				
ISL	2750	1.09	34.720	27.84	33.76	1.582	1500.3				
ISL	3000	0.89	34.730	27.86	30.90	1.662	1503.8				
ISL	3250	0.76	34.734	27.87	29.19	1.738	1507.6				
ISL	3500	0.71	34.717	27.86	29.91	1.811	1511.7				
ISL	3750	0.70	34.712	27.85	30.51	1.887	1516.1				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	14	0		25	4	69	16.0	4941.0S	15230.0E	464	4372			356		22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	9.45	34.310	26.53			1487.5	677			
OBS	10	9.50	34.307	26.52			1487.8	685	101	193	20
OBS	25	9.49	34.308	26.52			1488.0	681	115	178	16
OBS	49	9.53	34.304	26.51			1488.6	680	118	175	16
OBS	74	9.53	34.312	26.51			1489.0	697	130	181	24
OBS	99	9.24	34.544	26.74			1488.6	634	127	194	13
OBS	123	8.46	34.513	26.84			1486.1	637			
OBS	148	8.53	34.562	26.87			1486.8	634			
OBS	173	8.73	34.604	26.87			1488.0	620	150	202	31
OBS	198	8.77	34.632	26.89			1488.6	598			
OBS	397	7.95	34.530	26.93			1488.7	628	130	198	49
OBS	596	6.82	34.396	26.99			1487.4	629	170	205	53
OBS	796	5.43						495			
OBS	996	3.78	34.317	27.29			1481.5	493	293	217	78
OBSA	1864	2.41	34.572	27.62			1490.7	407	270	226	85
OBSA	2354	2.10	34.730	27.77			1497.9	451	115	228	90
OBSA	2851	1.68	34.731	27.80			1504.7	464	120	234	98
OBSA	3348	1.26	34.710	27.82			1511.5	482	170	231	92
OBSA	3596	1.12	34.710	27.83			1515.2	485	250	222	94
OBSA	3845	1.01	34.705	27.83			1519.2	487	270	237	89
OBSA	4093	0.92	34.699	27.83			1523.2	497	201		
OBSA	4341	0.87	34.694	27.83			1527.4	499	210	229	99
ISL	0	9.45	34.310	26.53	151.66	0.000	1487.5				
ISL	10	9.50	34.307	26.52	152.85	0.015	1487.8				
ISL	20	9.49	34.308	26.52	152.89	0.031	1488.0				
ISL	30	9.50	34.308	26.52	153.14	0.046	1488.1				
ISL	50	9.53	34.304	26.51	154.36	0.077	1488.6				
ISL	75	9.52	34.317	26.52	153.83	0.115	1489.0				
ISL	100	9.22	34.547	26.75	132.48	0.151	1488.6				
ISL	125	8.44	34.517	26.85	123.31	0.183	1486.0				
ISL	150	8.54	34.566	26.87	121.74	0.213	1486.9				
ISL	200	8.77	34.633	26.89	121.15	0.274	1488.6				
ISL	250	8.68	34.619	26.89	121.78	0.335	1489.1				
ISL	300	8.44	34.588	26.90	121.30	0.396	1489.0				
ISL	400	7.94	34.528	26.93	119.91	0.516	1488.6				
ISL	500	7.40	34.464	26.96	118.45	0.635	1488.1				
ISL	600	6.79	34.394	26.99	116.44	0.753	1487.3				
ISL	700	6.13	34.354	27.05	111.58	0.867	1486.3				
ISL	800	5.40	34.329	27.12	104.90	0.975	1485.0				
ISL	900	4.59	34.315	27.20	96.69	1.076	1483.3				
ISL	1000	3.76	34.317	27.29	87.39	1.168	1481.5				
ISL	1100	3.26	34.334	27.35	81.09	1.252	1481.1				
ISL	1200	3.08	34.366	27.39	77.31	1.331	1482.0				
ISL	1300	2.99	34.397	27.43	74.53	1.407	1483.4				
ISL	1400	2.89	34.429	27.46	71.76	1.481	1484.7				
ISL	1500	2.80	34.460	27.49	68.95	1.551	1486.0				
ISL	1750	2.53	34.537	27.58	61.43	1.714	1489.2				
ISL	2000	2.33	34.616	27.66	54.53	1.859	1492.7				
ISL	2250	2.17	34.697	27.74	47.70	1.987	1496.4				
ISL	2500	1.98	34.740	27.79	43.12	2.100	1499.9				
ISL	2750	1.77	34.733	27.80	41.71	2.206	1503.3				
ISL	3000	1.55	34.726	27.81	40.11	2.308	1506.7				
ISL	3250	1.34	34.713	27.81	38.79	2.407	1510.1				
ISL	3500	1.17	34.711	27.82	37.01	2.502	1513.8				
ISL	3750	1.05	34.707	27.83	35.95	2.593	1517.7				
ISL	4000	0.95	34.701	27.83	35.30	2.682	1521.6				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	15	0		26	4	69	12.0	4943.0S	15229.0E	464	4372			356		22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	9.43	34.291	26.51			1487.4	655	124	185	17
OBS	9	9.41	34.290	26.52			1487.5	662	128	193	14
OBS	23	9.40	34.291	26.52			1487.7	657	132	236	29
OBS	47	9.55	34.318	26.52			1488.6	670	130	187	31
OBS	70	9.62	34.360	26.54			1489.3	665	129	191	
OBS	94	9.88	34.715	26.77			1491.1	604	131	214	
OBS	118	8.54	34.540	26.85			1486.3	633	175	211	29
OBS	142	8.53	34.566	26.87			1486.7	630	140	217	38
OBS	190	8.71	34.630	26.89			1488.3	612	124	225	15
OBS	384	8.08	34.557	26.93			1489.0	642		219	48
OBS	482	7.64	34.492	26.95			1488.8	630	299	227	60
OBS	580	6.93						588	230	224	80
OBS	778	5.82	34.395	27.12			1486.4	489		231	60
OBS	997	4.21	34.342	27.26			1483.4	490	274	231	82
OBSA	1289	2.96	34.443	27.47			1483.1		199	235	83
OBSA	1773	2.45	34.633	27.66			1489.4		141	216	95
OBSA	2254	2.18	34.728	27.76			1496.6	435	282	231	89
OBSA	2738	1.81	34.737	27.80			1503.3	461	268	233	96
OBSA	3224	1.38	34.728	27.82			1509.9	478	290	239	83
OBSA	3719	1.04	34.712	27.83			1517.1	486	199	228	94
OBSA	3966	0.96	34.707	27.83			1521.1	495	258	229	100
OBSA	4215	0.91	34.702	27.83			1525.3	498			
ISL	0	9.43	34.291	26.51	152.74	0.000	1487.4				
ISL	10	9.41	34.290	26.52	152.70	0.015	1487.5				
ISL	20	9.40	34.290	26.52	152.72	0.031	1487.6				
ISL	30	9.44	34.296	26.52	153.18	0.046	1487.9				
ISL	50	9.56	34.322	26.52	153.54	0.077	1488.7				
ISL	75	9.66	34.408	26.57	149.26	0.114	1489.6				
ISL	100	9.65	34.676	26.78	129.82	0.149	1490.3				
ISL	125	8.50	34.545	26.86	122.09	0.181	1486.3				
ISL	150	8.55	34.576	26.88	121.05	0.211	1486.9				
ISL	200	8.72	34.636	26.90	120.14	0.271	1488.5				
ISL	250	8.62	34.631	26.91	119.92	0.331	1488.9				
ISL	300	8.41	34.602	26.92	119.86	0.391	1488.9				
ISL	400	8.02	34.547	26.94	119.76	0.511	1489.0				
ISL	500	7.52	34.483	26.96	118.88	0.631	1488.6				
ISL	600	6.80	34.444	27.03	112.89	0.746	1487.4				
ISL	700	6.27	34.417	27.08	108.89	0.857	1487.0				
ISL	800	5.68	34.389	27.13	104.19	0.964	1486.2				
ISL	900	4.94	34.359	27.20	97.89	1.065	1484.8				
ISL	1000	4.19	34.342	27.27	90.74	1.159	1483.4				
ISL	1100	3.67	34.373	27.34	82.97	1.246	1482.9				
ISL	1200	3.25	34.410	27.41	75.98	1.326	1482.8				
ISL	1300	2.93	34.447	27.47	70.23	1.399	1483.2				
ISL	1400	2.73	34.484	27.52	65.80	1.467	1484.1				
ISL	1500	2.66	34.523	27.56	62.70	1.531	1485.5				
ISL	1750	2.47	34.626	27.66	54.22	1.677	1489.1				
ISL	2000	2.33	34.689	27.72	49.20	1.806	1492.8				
ISL	2250	2.18	34.728	27.76	45.63	1.925	1496.5				
ISL	2500	2.00	34.738	27.78	43.63	2.036	1500.0				
ISL	2750	1.80	34.737	27.80	41.91	2.143	1503.5				
ISL	3000	1.58	34.734	27.81	39.94	2.246	1506.9				
ISL	3250	1.36	34.727	27.82	37.99	2.343	1510.2				
ISL	3500	1.16	34.719	27.83	36.32	2.436	1513.8				
ISL	3750	1.03	34.711	27.83	35.35	2.526	1517.6				
ISL	4000	0.95	34.706	27.83	34.96	2.613	1521.7				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	16	0		27	4	69	19.0	4946.0S	15237.0E	464	4372			13		21

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	9.05	34.236	26.53			1485.9	703			
OBS	9	9.06	34.235	26.53			1486.1	714			
OBS	23	9.06	34.234	26.53			1486.3	713			
OBS	46	9.07	34.232	26.53			1486.7	697			
OBS	69	9.18	34.253	26.53			1487.5	658			
OBS	92	9.97	34.694	26.74			1491.4	630			
OBS	115	9.08	34.643	26.85			1488.4	635			
OBS	138	8.74	34.604	26.87			1487.5	632			
OBS	185	8.49	34.583	26.89			1487.3	656			
OBS	375	7.88	34.517	26.93			1488.0	645			
OBS	470	7.56	34.484	26.95			1488.3	654			
OBS	566	6.80	34.402	27.00			1486.8	582			
OBS	759	5.79	34.386	27.12			1486.0	501			
OBS	952	4.35	34.360	27.26			1483.2				
OBSA	1612	2.60	34.572	27.60			1487.2				
OBSA	2071	2.29	34.700Q	27.73Q			1493.9Q	441			
OBSA	2527	1.97	34.752	27.80			1500.4	449			
OBSA	2985	1.57	34.744	27.82			1506.6	477			
OBSA	3443	1.22	34.729	27.83			1513.0	487			
OBSA	3909	0.97	34.719	27.84			1520.2	492			
OBSA	4158	0.88	34.711	27.84			1524.2	509			
ISL	0	9.05	34.236	26.53	150.98	0.000	1485.9				
ISL	10	9.06	34.235	26.53	151.40	0.015	1486.1				
ISL	20	9.06	34.234	26.53	151.63	0.030	1486.3				
ISL	30	9.06	34.233	26.53	151.92	0.045	1486.4				
ISL	50	9.08	34.234	26.53	152.58	0.076	1486.8				
ISL	75	9.33	34.333	26.56	149.58	0.114	1488.3				
ISL	100	9.61	34.677	26.79	129.10	0.149	1490.2				
ISL	125	8.87	34.624	26.86	121.92	0.180	1487.8				
ISL	150	8.63	34.597	26.88	120.83	0.210	1487.3				
ISL	200	8.44	34.578	26.90	120.29	0.271	1487.3				
ISL	250	8.28	34.560	26.91	120.07	0.331	1487.5				
ISL	300	8.12	34.543	26.92	119.90	0.391	1487.7				
ISL	400	7.80	34.508	26.94	119.35	0.510	1488.1				
ISL	500	7.33	34.463	26.97	117.52	0.629	1487.9				
ISL	600	6.59	34.398	27.02	113.28	0.744	1486.5				
ISL	700	6.14	34.392	27.08	108.90	0.855	1486.4				
ISL	800	5.52	34.381	27.15	102.63	0.961	1485.5				
ISL	900	4.72	34.367	27.23	94.52	1.059	1483.9				
ISL	1000	4.09	34.368	27.30	87.56	1.151	1483.0				
ISL	1100	3.55	34.408	27.38	78.99	1.234	1482.4				
ISL	1200	3.23	34.445	27.44	73.21	1.310	1482.8				
ISL	1300	3.06	34.476	27.48	69.58	1.381	1483.8				
ISL	1400	2.92	34.508	27.52	66.26	1.449	1484.9				
ISL	1500	2.78	34.539	27.56	62.88	1.514	1486.0				
ISL	1750	2.51	34.609	27.64	55.92	1.662	1489.2				
ISL	2000	2.34	34.677	27.71	50.09	1.795	1492.8				
ISL	2250	2.17	34.722	27.76	45.84	1.915	1496.4				
ISL	2500	1.99	34.750	27.79	42.58	2.025	1500.0				
ISL	2750	1.77	34.750	27.81	40.58	2.129	1503.4				
ISL	3000	1.56	34.744	27.82	38.90	2.229	1506.8				
ISL	3250	1.36	34.735	27.83	37.41	2.324	1510.3				
ISL	3500	1.18	34.727	27.84	36.01	2.416	1513.9				
ISL	3750	1.04	34.723	27.84	34.76	2.504	1517.7				
ISL	4000	0.93	34.716	27.84	33.99	2.590	1521.6				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	17	0		3	5	69	3.0	4946.0S	15232.0E	464	4212			307		23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	2	10.66	34.609	26.55			1492.3	653			
OBS	10	10.67	34.604	26.55			1492.5	643			
OBS	24	10.67	34.607	26.55			1492.7	647			
OBS	48	10.71	34.603	26.54			1493.2	637			
OBS	72	10.68	34.603	26.54			1493.5	643			
OBS	96	10.07	34.744	26.76			1491.9	581			
OBS	120	9.71	34.751	26.83			1491.0				
OBS	144	9.42	34.734	26.86			1490.3	586			
OBS	192	9.00	34.681	26.89			1489.4	592			
OBS	386	8.11	34.576	26.95			1489.1	592			
OBS	483	7.73	34.529	26.96			1489.2	594			
OBS	581	7.05	34.449	27.00			1488.1	544			
OBS	679	6.54	34.449	27.07			1487.7	480			
OBS	778	5.83	34.416	27.13			1486.5	470			
OBS	975	4.27	34.360	27.27			1483.3	467			
OBS A	1342	3.00	34.469	27.48			1484.2	423			
OBS A	1829	2.43	34.643	27.67			1490.3	401			
OBS A	2317	2.14	34.740	27.77			1497.5	434			
OBS A	2803	1.76	34.754	27.82			1504.2	456			
OBS A	3295	1.29	34.737	27.84			1510.8	471			
OBS A	3788	1.02	34.714	27.84			1518.2	492			
OBS A	4034	0.90	34.718	27.85			1522.1	483			
OBS A	4282	0.85	34.710	27.84			1526.3	502			
ISL	0	10.66	34.609	26.55	149.21	0.000	1492.3				
ISL	10	10.67	34.604	26.55	149.98	0.015	1492.5				
ISL	20	10.67	34.606	26.55	150.01	0.030	1492.6				
ISL	30	10.68	34.606	26.55	150.37	0.045	1492.8				
ISL	50	10.71	34.603	26.54	151.66	0.075	1493.3				
ISL	75	10.63	34.613	26.56	149.99	0.113	1493.4				
ISL	100	10.00	34.754	26.78	129.70	0.148	1491.7				
ISL	125	9.64	34.749	26.84	124.87	0.180	1490.8				
ISL	150	9.36	34.728	26.87	122.31	0.211	1490.1				
ISL	200	8.94	34.674	26.89	120.84	0.271	1489.4				
ISL	250	8.68	34.645	26.91	119.82	0.332	1489.2				
ISL	300	8.47	34.620	26.92	119.48	0.391	1489.2				
ISL	400	8.05	34.569	26.95	118.68	0.510	1489.2				
ISL	500	7.63	34.517	26.97	117.84	0.629	1489.1				
ISL	600	6.94	34.447	27.01	114.63	0.745	1488.0				
ISL	700	6.40	34.442	27.08	108.85	0.857	1487.5				
ISL	800	5.66	34.409	27.15	102.51	0.962	1486.2				
ISL	900	4.88	34.378	27.22	95.73	1.061	1484.6				
ISL	1000	4.12	34.359	27.29	88.61	1.154	1483.1				
ISL	1100	3.62	34.389	27.36	81.29	1.239	1482.7				
ISL	1200	3.30	34.422	27.42	75.67	1.317	1483.0				
ISL	1300	3.09	34.455	27.46	71.56	1.391	1483.9				
ISL	1400	2.87	34.488	27.51	67.16	1.460	1484.7				
ISL	1500	2.70	34.522	27.55	63.25	1.525	1485.7				
ISL	1750	2.50	34.617	27.65	55.19	1.673	1489.2				
ISL	2000	2.34	34.686	27.71	49.44	1.804	1492.8				
ISL	2250	2.18	34.731	27.76	45.37	1.923	1496.5				
ISL	2500	2.01	34.754	27.80	42.51	2.032	1500.1				
ISL	2750	1.81	34.754	27.81	40.75	2.137	1503.5				
ISL	3000	1.58	34.749	27.82	38.83	2.236	1506.9				
ISL	3250	1.33	34.739	27.83	36.68	2.330	1510.1				
ISL	3500	1.17	34.728	27.84	35.75	2.421	1513.8				
ISL	3750	1.04	34.715	27.84	35.26	2.510	1517.6				
ISL	4000	0.91	34.718	27.85	33.55	2.596	1521.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	18	0		6	5	69	13.0	4000.0S	15200.0E	464	4305			195		22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	16.38	35.373	25.96			1512.2	572			
OBS	10	16.43	35.377	25.96			1512.5	566	009	210	3
OBS	25	16.43	35.378	25.96			1512.7	575	066		
OBS	50	16.43	35.366	25.95			1513.1	569	099	192	15
OBS	74	16.39	35.363	25.95			1513.4	570	224	197	14
OBS	99	13.83	35.284	26.46			1505.6		008	173	32
OBS	124	12.94	35.203	26.58			1503.0	526	033	154	10
OBS	149	12.44	35.172	26.66			1501.6	514	108	189	
OBS	199	11.73	35.090	26.73			1499.9	541	085	213	9
OBS	398	9.54	34.762	26.86			1494.9	518			
OBS	497	8.54	34.613	26.91			1492.6	563	086	238	
OBS	596	7.97	34.553	26.95			1492.0	532	191	199	
OBS	695	7.43	34.539	27.02			1491.5	454	124	214	21
OBS	795	6.65	34.497	27.09			1490.1	442	135	217	27
OBS	993		34.435					428	136	229	31
OBS A	1267	3.71	34.510	27.45			1486.0	386	139	231	87
OBS A	1759	2.52	34.642	27.66			1489.4	369	140	224	98
OBS A	2250	2.09	34.705	27.75			1495.9	419	134	235	91
OBS A	2742	1.77	34.737	27.80			1503.0	448	140	228	89
OBS A	3243	1.42	34.728	27.82			1510.2	454	143	230	
OBS A	3994	1.15	34.724	27.83			1522.2	447	141	233	113
OBS A	4244	1.13	34.714	27.83			1526.5	471			
ISL	0	16.38	35.373	25.96	204.99	0.000	1512.1				
ISL	10	16.43	35.377	25.96	206.12	0.021	1512.5				
ISL	20	16.43	35.378	25.96	206.36	0.041	1512.6				
ISL	30	16.43	35.376	25.95	206.83	0.062	1512.8				
ISL	50	16.43	35.366	25.95	208.21	0.103	1513.1				
ISL	75	16.33	35.361	25.97	207.26	0.155	1513.2				
ISL	100	13.77	35.281	26.47	159.70	0.201	1505.4				
ISL	125	12.91	35.201	26.58	149.49	0.240	1502.9				
ISL	150	12.42	35.171	26.66	143.06	0.276	1501.6				
ISL	200	11.72	35.088	26.73	137.26	0.346	1499.9				
ISL	250	11.10	35.006	26.78	133.30	0.414	1498.4				
ISL	300	10.57	34.924	26.81	131.21	0.480	1497.2				
ISL	400	9.52	34.759	26.86	127.78	0.610	1494.9				
ISL	500	8.52	34.610	26.91	124.57	0.736	1492.6				
ISL	600	7.95	34.552	26.95	121.80	0.859	1492.0				
ISL	700	7.40	34.537	27.02	116.17	0.978	1491.5				
ISL	800	6.61	34.495	27.10	109.30	1.091	1490.0				
ISL	900	5.88	34.458	27.16	103.14	1.197	1488.7				
ISL	1000	5.18	34.437	27.23	96.38	1.297	1487.5				
ISL	1100	4.57	34.464	27.32	87.43	1.389	1486.7				
ISL	1200	4.03	34.492	27.40	79.50	1.472	1486.2				
ISL	1300	3.58	34.519	27.47	72.67	1.548	1486.0				
ISL	1400	3.23	34.546	27.52	67.20	1.618	1486.2				
ISL	1500	2.91	34.573	27.57	61.96	1.683	1486.6				
ISL	1750	2.53	34.640	27.66	53.98	1.828	1489.3				
ISL	2000	2.28	34.681	27.72	49.08	1.956	1492.5				
ISL	2250	2.09	34.705	27.75	46.07	2.075	1495.9				
ISL	2500	1.93	34.726	27.78	43.50	2.187	1499.6				
ISL	2750	1.76	34.737	27.80	41.41	2.294	1503.2				
ISL	3000	1.59	34.732	27.81	40.19	2.396	1506.7				
ISL	3250	1.42	34.728	27.82	38.75	2.494	1510.3				
ISL	3500	1.29	34.725	27.83	37.77	2.590	1514.1				
ISL	3750	1.20	34.725	27.83	37.04	2.683	1518.1				
ISL	4000	1.15	34.724	27.83	36.80	2.776	1522.3				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 38	19	0		8	5	69	4.0	4000.1S	15200.0E	464	4654			295		23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10²·ml/l	PHOS 10²·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	2	15.82	35.326	26.06			1510.4	586			
OBS	10	15.81	35.324	26.06			1510.5	598			
OBS	25	15.81	35.319	26.05			1510.7	596			
OBS	50	15.87	35.333	26.05			1511.3	578			
OBS	75	15.84	35.341	26.06			1511.7	576			
OBS	100	14.33	35.351	26.41			1507.3	474			
OBS	125	13.52	35.273	26.52			1505.0	493			
OBS	150	12.86	35.228	26.62			1503.1	505			
OBS	200	11.99	35.126	26.71			1500.9	521			
OBS	400		34.732					523			
OBS	501	8.63	34.632	26.91			1493.1				
OBS	601	8.01	34.566	26.95			1492.3				
OBS	701	7.29	34.531	27.03			1491.1	461			
OBS	801	6.54	34.491	27.10			1489.8	443			
OBS	1003	4.93	34.433	27.26			1486.5	432			
OBS A	1567	2.86	34.604	27.60			1487.5	357			
OBS A	2063	2.21	34.695	27.73			1493.3	397			
OBS A	2559	1.90	34.733	27.79			1500.5	435			
OBS A	3054	1.57	34.726	27.81			1507.6	448			
OBS A	3550	1.21	34.709	27.82			1514.6	445			
OBS A	4048	1.13									
OBS A	4297	1.11	34.718	27.83			1527.4	468			
OBS A	4548	1.11	34.717	27.83			1531.9	468			
ISL	0	15.82	35.326	26.06	196.18	0.000	1510.4				
ISL	10	15.81	35.324	26.06	196.40	0.020	1510.5				
ISL	20	15.81	35.321	26.06	196.90	0.039	1510.6				
ISL	30	15.82	35.322	26.05	197.36	0.059	1510.8				
ISL	50	15.87	35.333	26.05	198.30	0.099	1511.3				
ISL	75	15.84	35.341	26.06	197.83	0.148	1511.7				
ISL	100	14.33	35.351	26.41	165.96	0.194	1507.3				
ISL	125	13.52	35.273	26.52	156.06	0.234	1505.0				
ISL	150	12.86	35.228	26.62	147.16	0.272	1503.1				
ISL	200	11.99	35.126	26.71	139.50	0.343	1500.9				
ISL	250	11.25	35.025	26.77	134.63	0.412	1499.0				
ISL	300	10.52	34.925	26.82	130.38	0.478	1497.1				
ISL	400	9.45	34.732	26.85	128.71	0.608	1494.6				
ISL	500	8.64	34.633	26.91	124.76	0.734	1493.1				
ISL	600	8.02	34.566	26.95	121.77	0.858	1492.3				
ISL	700	7.30	34.531	27.03	115.14	0.976	1491.1				
ISL	800	6.55	34.491	27.10	108.66	1.088	1489.8				
ISL	900	5.76	34.456	27.17	101.61	1.193	1488.2				
ISL	1000	4.95	34.433	27.25	93.59	1.291	1486.6				
ISL	1100	4.32	34.463	27.35	84.38	1.380	1485.7				
ISL	1200	3.82	34.497	27.43	76.44	1.460	1485.3				
ISL	1300	3.46	34.529	27.49	70.55	1.534	1485.5				
ISL	1400	3.24	34.559	27.53	66.33	1.602	1486.3				
ISL	1500	3.02	34.587	27.58	62.29	1.666	1487.1				
ISL	1750	2.49	34.644	27.67	53.19	1.811	1489.1				
ISL	2000	2.27	34.686	27.72	48.58	1.938	1492.4				
ISL	2250	2.09	34.715	27.76	45.37	2.055	1496.0				
ISL	2500	1.94	34.731	27.78	43.23	2.166	1499.6				
ISL	2750	1.78	34.734	27.80	41.78	2.272	1503.2				
ISL	3000	1.61	34.727	27.81	40.76	2.376	1506.8				
ISL	3250	1.43	34.720	27.81	39.48	2.476	1510.4				
ISL	3500	1.25	34.710	27.82	38.17	2.573	1513.9				
ISL	3750	1.16	34.712	27.82	37.38	2.667	1518.0				
ISL	4000	1.14	34.716	27.83	37.10	2.761	1522.2				
ISL	4500	1.11	34.717	27.83	37.54	2.947	1531.0				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	1	0		22	11	70	12.7	3517.2S	11457.2E	432						20

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	0	15.34	35.523	26.32			1509.1	845	093	22	18
OBS	10	15.33	35.524	26.32			1509.2		073	19	21
OBS	25	14.92	35.484	26.38			1508.1	599	041	10	5
OBS	49	14.12	35.434	26.51			1505.9	594	350	95	35
OBS	74	13.12	35.293	26.61			1502.9	565	020	32	1
OBS	98	12.50	35.190	26.66			1501.0	564	020	23	1
OBS	148	12.35	35.191	26.69			1501.3	570	022	20	0
OBS	197	11.38	35.045	26.76			1498.6	584	061	57	6
OBS	295	10.11	34.851	26.84			1495.4	561	042	145	2
OBS	393	9.49	34.770	26.88			1494.7	492	160	110	15
OBS	492	9.06	34.724	26.91			1494.7		042	62	2
OBS	591	8.73	34.651	26.91			1495.0	513	067	136	1
OBS	691	8.00	34.568	26.96			1493.8	492	050	151	3
OBS	786	6.80	34.475	27.05			1490.6	433	350	151	20
OBS	970	4.36	34.394	27.29			1483.6	419	116	292	19
OBS	1150	3.44	34.453	27.43			1482.9		112	129	27
OBS	1454	2.84	34.601	27.60			1485.6	359	285	257	56
OBS	1649	2.65	34.650	27.66			1488.2	347	101	114	35
OBS	1940	2.33	34.719	27.74			1491.8	358	093	78	36
OBS	2432	2.00	34.734	27.78			1498.9	384	162	326	51
ISL	0	15.34	35.523	26.32	171.51	0.000	1509.1				
ISL	10	15.33	35.524	26.32	171.54	0.017	1509.2				
ISL	20	15.07	35.497	26.36	168.38	0.034	1508.6				
ISL	30	14.77	35.472	26.40	164.09	0.051	1507.7				
ISL	50	14.08	35.430	26.52	153.76	0.083	1505.8				
ISL	75	13.09	35.288	26.62	145.13	0.120	1502.8				
ISL	100	12.47	35.186	26.66	141.56	0.156	1501.0				
ISL	125	12.47	35.201	26.67	141.08	0.191	1501.4				
ISL	150	12.33	35.188	26.69	139.96	0.226	1501.3				
ISL	200	11.33	35.037	26.76	134.03	0.295	1498.5				
ISL	250	10.59	34.925	26.81	130.50	0.361	1496.5				
ISL	300	10.06	34.844	26.84	128.48	0.426	1495.4				
ISL	400	9.45	34.766	26.88	126.21	0.553	1494.7				
ISL	500	9.03	34.719	26.91	124.72	0.678	1494.7				
ISL	600	8.68	34.644	26.91	126.53	0.804	1494.9				
ISL	700	7.90	34.560	26.96	122.24	0.928	1493.5				
ISL	800	6.62	34.464	27.07	111.68	1.045	1490.1				
ISL	900	5.29	34.409	27.19	98.84	1.151	1486.3				
ISL	1000	4.13	34.396	27.31	85.97	1.243	1483.2				
ISL	1100	3.61	34.432	27.40	77.88	1.325	1482.7				
ISL	1200	3.27	34.474	27.46	71.51	1.400	1483.0				
ISL	1300	3.05	34.523	27.52	66.04	1.468	1483.8				
ISL	1400	2.92	34.579	27.58	61.04	1.532	1485.0				
ISL	1500	2.79	34.614	27.62	57.60	1.591	1486.2				
ISL	1750	2.54	34.675	27.69	51.55	1.728	1489.5				
ISL	2000	2.28	34.727	27.75	45.73	1.849	1492.6				
ISL	2250	2.10	34.742	27.78	43.49	1.961	1496.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	2	0		23	11	70	22.4	3820.1S	11506.8E	432						23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	0	14.55	35.435	26.42			1506.5	603	013	003	0
OBS	10	14.54	35.435	26.43			1506.6	609	017	3	0
OBS	25	14.54	35.435	26.43			1506.9	601	026	16	2
OBS	50	13.88	35.387	26.53			1505.1	606	023	008	4
OBS	75	13.43	35.374	26.61			1504.0	591	263	71	42
OBS	100	13.39	35.380	26.63			1504.3	585	063	18	14
OBS	149	13.06	35.328	26.65			1503.9	580	021	11	1
OBS	199	12.75	35.262	26.66			1503.6	572	046	28	0
OBS	295	11.89	35.095	26.70			1502.0	589	053	50	2
OBS	390	10.88	34.911	26.75			1499.8	560	061	47	2
OBS	486	9.75	34.765	26.83			1497.1	614Q	132	150	4
OBS	584	9.04	34.687	26.89			1496.0	519	144	180	7
OBS	682	8.72	34.641	26.90			1496.4	559	054	48	3
OBS	780	8.49	34.587	26.90			1497.1	561	132	110	7
OBS	976	6.24	34.436	27.10			1491.4	444	124	202	16
OBS	1174	3.99	34.388	27.32			1485.4	443	128	101	21
OBS	1464	3.26	34.502	27.49			1487.4	396	262	329	59
OBS	1663	2.84	34.581	27.59			1489.0	378	135	186	40
OBS	1960	2.56	34.669	27.68			1493.0	380	239	324	48
OBS	2458	2.16	34.731	27.77			1499.8	390	233	319	60
OBS	2957	1.90	34.740	27.79			1507.3	428	150	139	64
OBS	3453	1.38	34.732	27.83			1513.7	450	139	140	50
OBS	3951	1.04	34.718	27.84			1521.0	433Q	184	93	44
ISL	0	14.55	35.435	26.42	161.43	0.000	1506.5				
ISL	10	14.54	35.435	26.43	161.53	0.016	1506.6				
ISL	20	14.54	35.435	26.43	161.83	0.032	1506.8				
ISL	30	14.42	35.428	26.45	160.07	0.048	1506.5				
ISL	50	13.88	35.387	26.53	152.79	0.080	1505.1				
ISL	75	13.43	35.374	26.61	145.54	0.117	1504.0				
ISL	100	13.39	35.380	26.63	145.01	0.153	1504.3				
ISL	125	13.22	35.357	26.64	144.03	0.189	1504.1				
ISL	150	13.05	35.327	26.65	143.67	0.225	1503.9				
ISL	200	12.74	35.260	26.66	143.86	0.297	1503.6				
ISL	250	12.34	35.179	26.68	143.40	0.369	1502.9				
ISL	300	11.84	35.086	26.70	142.18	0.440	1501.9				
ISL	400	10.77	34.894	26.75	139.20	0.581	1499.6				
ISL	500	9.62	34.750	26.84	132.18	0.717	1496.9				
ISL	600	8.97	34.679	26.89	128.51	0.847	1496.0				
ISL	700	8.67	34.632	26.90	129.07	0.976	1496.5				
ISL	800	8.27	34.574	26.92	128.58	1.105	1496.5				
ISL	900	7.11	34.498	27.03	117.91	1.228	1493.6				
ISL	1000	5.97	34.425	27.12	108.00	1.341	1490.7				
ISL	1100	4.82	34.394	27.24	95.88	1.443	1487.7				
ISL	1200	3.86	34.398	27.34	84.27	1.533	1485.3				
ISL	1300	3.64	34.437	27.40	79.41	1.615	1486.1				
ISL	1400	3.41	34.477	27.45	74.42	1.692	1486.9				
ISL	1500	3.18	34.516	27.51	69.38	1.764	1487.6				
ISL	1750	2.74	34.611	27.62	58.64	1.924	1490.1				
ISL	2000	2.52	34.678	27.69	52.42	2.063	1493.5				
ISL	2250	2.31	34.718	27.74	48.01	2.188	1496.9				
ISL	2500	2.13	34.733	27.77	45.65	2.305	1500.4				
ISL	2750	2.00	34.740	27.79	44.42	2.418	1504.2				
ISL	3000	1.86	34.740	27.80	43.49	2.528	1507.9				
ISL	3250	1.58	34.737	27.81	40.42	2.632	1511.0				
ISL	3500	1.34	34.731	27.83	38.08	2.731	1514.4				
ISL	3750	1.17	34.725	27.83	36.51	2.824	1518.0				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	3	0		26	11	70	9.0	4300.0S	11500.0E	468						21

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2\cdot$ml/l	PHOS $10^2\cdot\mu$gat/l	NITR $10\cdot\mu$gat/l	SILIC μgat/l
OBS	0	10.36	34.669	26.65			1491.3	663		22	
OBS	25	10.40	34.662	26.64			1491.8	655	045	69	2
OBS	49	10.30	34.672	26.66			1491.9	651	035	50	3
OBS	74	9.84	34.670	26.74			1490.6	651	045	29	6
OBS	99	9.68	34.661	26.76			1490.4	639	033	21	2
OBS	198	9.40	34.666	26.81			1491.0	613	032	50	1
OBS	297	9.35	34.682	26.83			1492.5	604	102	39	17
OBS	395	9.42	34.721	26.85			1494.4	579	050	46	2
OBS	493	9.20	34.696	26.87			1495.1	539	043	37	2
OBS	592	8.80	34.641	26.89			1495.2	554	085	30	6
OBS	691	8.23	34.567	26.92			1494.6	540	100	57	8
OBS	790	7.31	34.491	27.00			1492.6	409	104	163	5
OBS	988	5.00	34.355	27.19			1486.5	483		136	24
OBS	1178	4.79	34.356	27.21			1488.8	476		263	23
OBS	1465	2.90	34.464	27.49			1485.8	412		73	18
OBS	1662	2.68	34.552	27.58			1488.3	396		297	37
OBS	1961	2.59	34.660	27.67			1493.1	381		304	39
OBS	2457	2.14	34.744	27.78			1499.7	401		198	52
OBS	2956	1.64	34.736	27.81			1506.1	443		209	63
OBS	3453	1.14	34.714	27.83			1512.6	449		113	48
OBS	3951	0.91	34.703	27.83			1520.3	458		303	
ISL	0	10.36	34.669	26.65	139.78	0.000	1491.3				
ISL	10	10.40	34.665	26.64	140.93	0.014	1491.6				
ISL	20	10.41	34.663	26.64	141.45	0.028	1491.8				
ISL	30	10.39	34.663	26.64	141.43	0.042	1491.9				
ISL	50	10.29	34.672	26.67	139.46	0.070	1491.8				
ISL	75	9.83	34.670	26.74	132.64	0.104	1490.6				
ISL	100	9.68	34.661	26.76	131.36	0.137	1490.4				
ISL	125	9.55	34.658	26.78	130.13	0.170	1490.4				
ISL	150	9.47	34.660	26.80	129.14	0.202	1490.5				
ISL	200	9.40	34.666	26.81	128.56	0.267	1491.0				
ISL	250	9.35	34.672	26.82	128.36	0.331	1491.7				
ISL	300	9.35	34.683	26.83	128.59	0.395	1492.5				
ISL	400	9.42	34.721	26.85	128.85	0.524	1494.4				
ISL	500	9.18	34.693	26.87	129.02	0.653	1495.2				
ISL	600	8.76	34.636	26.89	128.39	0.782	1495.2				
ISL	700	8.16	34.560	26.93	126.15	0.909	1494.5				
ISL	800	7.21	34.484	27.00	118.83	1.032	1492.3				
ISL	900	6.09	34.410	27.10	109.58	1.146	1489.5				
ISL	1000	4.93	34.352	27.19	99.36	1.250	1486.4				
ISL	1100	4.96	34.341	27.18	101.52	1.351	1488.1				
ISL	1200	4.70	34.360	27.22	97.74	1.450	1488.8				
ISL	1300	4.04	34.395	27.32	87.57	1.543	1487.7				
ISL	1400	3.21	34.437	27.44	74.93	1.624	1486.0				
ISL	1500	2.80	34.479	27.51	67.64	1.695	1486.0				
ISL	1750	2.64	34.588	27.61	59.07	1.854	1489.6				
ISL	2000	2.57	34.671	27.68	53.48	1.995	1493.7				
ISL	2250	2.34	34.722	27.74	48.07	2.121	1497.0				
ISL	2500	2.10	34.746	27.78	44.25	2.237	1500.3				
ISL	2750	1.85	34.742	27.80	42.14	2.345	1503.5				
ISL	3000	1.60	34.735	27.81	40.08	2.448	1506.7				
ISL	3250	1.34	34.722	27.82	38.14	2.545	1509.9				
ISL	3500	1.11	34.713	27.83	35.99	2.638	1513.3				
ISL	3750	0.98	34.707	27.83	34.90	2.727	1517.1				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	4	0		30	11	70	15.3	5018.5S	11552.0E	504						21

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	0	3.76	33.948	27.00			1464.4	672	117	108	4
OBS	25	3.78	33.937	26.99			1464.9	773	060	072	4
OBS	50	3.76	33.942	26.99			1465.2	757	065	085	3
OBS	75	3.73	33.943	27.00			1465.5	756	149	152	4
OBS	100	3.22	33.949	27.05			1463.8	765	115	230	9
OBS	149	2.46	33.976	27.14			1461.3	744	106	098	11
OBS	199	2.78	34.094	27.20			1463.7	640	050	144	18
OBS	296	2.60	34.203	27.31			1464.7	567	141	234	27
OBS	390	2.35	34.268	27.38			1465.2	526	075	118	26
OBS	484	2.24	34.359	27.46			1466.4	483	190	233	46
OBS	580	2.38	34.465	27.53			1468.8	434	100	209	51
OBS	677	2.40	34.531	27.59			1470.5	420	113	143	20
OBS	776	2.28	34.589	27.64			1471.7	416	130	241	68
OBS	874	2.38	34.633	27.67			1473.9	414	104	162	56
OBS	971	2.32	34.660	27.70			1475.3	423	098	213	55
OBS	1167	2.11	34.713	27.75			1477.7	433	042	123	17
OBS	1457	2.00	34.747	27.79			1482.1	455	038	095	37
OBS	1654	1.82	34.753	27.81			1484.7	479	060	111	60
OBS	1949	1.60	34.748	27.82			1488.7	506Q	151	115	61
OBS	2437	1.02	34.725	27.84			1494.5	487	093	101	59
OBS	2832	0.62	34.706	27.85			1499.5	490	123	194	95
ISL	0	3.76	33.948	27.00	106.98	0.000	1464.4				
ISL	10	3.77	33.942	26.99	107.59	0.011	1464.6				
ISL	20	3.78	33.938	26.99	108.04	0.022	1464.8				
ISL	30	3.78	33.938	26.99	108.13	0.032	1465.0				
ISL	50	3.76	33.942	26.99	107.81	0.054	1465.2				
ISL	75	3.73	33.943	27.00	107.65	0.081	1465.5				
ISL	100	3.22	33.949	27.05	102.64	0.107	1463.8				
ISL	125	2.76	33.958	27.10	98.05	0.132	1462.2				
ISL	150	2.46	33.977	27.14	94.20	0.156	1461.3				
ISL	200	2.78	34.096	27.21	88.33	0.202	1463.7				
ISL	250	2.71	34.163	27.27	82.85	0.245	1464.3				
ISL	300	2.59	34.207	27.31	78.88	0.285	1464.7				
ISL	400	2.33	34.277	27.39	71.84	0.360	1465.3				
ISL	500	2.25	34.376	27.47	64.19	0.428	1466.8				
ISL	600	2.39	34.482	27.55	58.08	0.490	1469.2				
ISL	700	2.38	34.546	27.60	53.72	0.546	1470.9				
ISL	800	2.29	34.601	27.65	49.20	0.597	1472.2				
ISL	900	2.38	34.641	27.67	47.65	0.645	1474.3				
ISL	1000	2.29	34.668	27.70	45.29	0.692	1475.7				
ISL	1100	2.18	34.695	27.74	42.56	0.736	1476.9				
ISL	1200	2.09	34.719	27.76	40.33	0.777	1478.2				
ISL	1300	2.06	34.734	27.78	39.39	0.817	1479.8				
ISL	1400	2.03	34.743	27.78	38.90	0.856	1481.3				
ISL	1500	1.96	34.749	27.80	38.10	0.895	1482.7				
ISL	1750	1.74	34.753	27.82	36.38	0.988	1486.0				
ISL	2000	1.55	34.746	27.82	35.50	1.078	1489.4				
ISL	2250	1.23	34.734	27.84	33.33	1.164	1492.2				
ISL	2500	0.95	34.722	27.85	31.36	1.245	1495.3				
ISL	2750	0.70	34.710	27.85	29.49	1.321	1498.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	4A	0		1	12	70	5.1	5016.0S	11535.0E	504						12

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	0	3.68	33.932	26.99			1464.1	575	045	147	1
OBS	25	3.63	33.932	27.00			1464.3	772	050	202	1
OBS	50	3.60	33.930	27.00			1464.5	496	059	200	1
OBS	75	3.25	33.936	27.04			1463.5	547	036	243	2
OBS	90	2.16	33.973	27.16			1459.0	509	067	200	4
OBS	120	2.05	34.027	27.21			1459.1	613	063	210	5
OBS	150	1.75	34.101	27.29			1458.4	429	072	184	14
OBS	200	1.77	33.832	27.08			1458.9	465	089	239	10
OBS	300	1.99	34.305	27.44			1462.2	472	057	169	10
OBS	400	2.20	34.442	27.53			1465.0	348	144	326	56
OBS	500	2.16	34.551	27.62			1466.6	408	062	234	17
OBS	600	1.98	34.608	27.68			1467.5	344	108	265	16
ISL	0	3.68	33.932	26.99	107.43	0.000	1464.1				
ISL	10	3.66	33.932	26.99	107.34	0.011	1464.2				
ISL	20	3.64	33.932	27.00	107.20	0.021	1464.2				
ISL	30	3.62	33.932	27.00	107.12	0.032	1464.3				
ISL	50	3.60	33.930	27.00	107.22	0.054	1464.5				
ISL	75	3.25	33.936	27.04	103.72	0.080	1463.5				
ISL	100	2.12	33.992	27.18	90.17	0.104	1459.1				
ISL	125	2.01	34.038	27.22	85.97	0.126	1459.1				
ISL	150	1.75	34.101	27.29	79.33	0.147	1458.4				
ISL	200	1.77	33.832	27.08	99.96	0.192	1458.9				
ISL	250	1.88	34.103	27.29	80.56	0.237	1460.6				
ISL	300	1.99	34.305	27.44	66.40	0.274	1462.2				
ISL	400	2.20	34.442	27.53	58.29	0.336	1465.0				
ISL	500	2.16	34.551	27.62	50.25	0.390	1466.6				
ISL	600	1.98	34.608	27.68	44.85	0.438	1467.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	5	0		3	12	70	9.4	5400.8S	11501.3E	504						22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG $10^2\cdot$ml/l	PHOS $10^2\cdot\mu$gat/l	NITR $10\cdot\mu$gat/l	SILIC μgat/l
OBS	0	2.88	33.967	27.09			1460.7	750	150	211	
OBS	25	2.85	33.962	27.09			1461.0	759	189	179	3
OBS	50	2.86	33.954	27.09			1461.4	765	147	170	8
OBS	100	2.34	33.963	27.14			1460.0	757	175	215	7
OBS	150	2.12	33.973	27.16			1459.8	764	211	290	10
OBS	200	1.59	34.021	27.24			1458.4	723	104	257	11
OBS	299	1.91	34.233	27.39			1461.7	574	116	180	23
OBS	398	1.91	34.336	27.47			1463.5	505	087	318	33
OBS	497	2.10	34.449	27.54			1466.1	446	087	192	37
OBS	596	2.21	34.528	27.60			1468.4	419	168	243	92
OBS	696	2.30	34.579	27.63			1470.5	421	091	162	41
OBS	794	2.30	34.634	27.68			1472.2	417	041	255	28
OBS	893	2.29	34.674	27.71			1473.8	405	099	272	29
OBS	992	2.26	34.698	27.73			1475.4	418	057	250	27
OBS	1190	2.10	34.733	27.77			1478.1	419	054	180	36
OBS	1484	1.84	34.749	27.80			1481.9	459	079	142	37
OBS	1686		34.749					459	067	136	20
OBS	1984	1.44	34.745	27.83			1488.6		059	064	16
OBS	2481	0.99	34.721	27.84			1495.1	474	148	148	27
OBS	2977	0.53	34.705	27.86			1501.6	497	089	265	25
OBS	3475	0.28	34.689	27.86			1509.1	516	093	244	42
OBS	3967	0.11	34.691	27.87			1517.0	529	248	301	113
ISL	0	2.88	33.967	27.09	97.70	0.000	1460.7				
ISL	10	2.87	33.965	27.09	97.85	0.010	1460.8				
ISL	20	2.85	33.963	27.09	97.88	0.020	1460.9				
ISL	30	2.85	33.961	27.09	98.10	0.029	1461.0				
ISL	50	2.86	33.954	27.09	98.80	0.049	1461.4				
ISL	75	2.57	33.958	27.11	96.25	0.073	1460.6				
ISL	100	2.34	33.963	27.14	94.10	0.097	1460.0				
ISL	125	2.23	33.968	27.15	92.96	0.121	1459.9				
ISL	150	2.12	33.973	27.16	91.84	0.144	1459.8				
ISL	200	1.59	34.021	27.24	84.36	0.188	1458.4				
ISL	250	1.78	34.129	27.31	77.72	0.228	1460.2				
ISL	300	1.91	34.235	27.39	71.06	0.265	1461.8				
ISL	400	1.91	34.338	27.47	63.65	0.333	1463.6				
ISL	500	2.10	34.452	27.55	57.17	0.393	1466.2				
ISL	600	2.21	34.530	27.60	52.75	0.448	1468.4				
ISL	700	2.30	34.581	27.63	50.27	0.500	1470.6				
ISL	800	2.30	34.637	27.68	46.61	0.548	1472.3				
ISL	900	2.29	34.676	27.71	44.12	0.594	1474.0				
ISL	1000	2.26	34.700	27.73	42.56	0.637	1475.5				
ISL	1100	2.18	34.719	27.75	40.78	0.679	1476.9				
ISL	1200	2.09	34.734	27.77	39.27	0.719	1478.2				
ISL	1300	2.00	34.744	27.79	38.10	0.757	1479.5				
ISL	1400	1.91	34.747	27.80	37.28	0.795	1480.8				
ISL	1500	1.83	34.749	27.81	36.61	0.832	1482.1				
ISL	1750	1.63	34.749	27.82	35.38	0.922	1485.4				
ISL	2000	1.43	34.744	27.83	34.19	1.009	1488.8				
ISL	2250	1.20	34.731	27.84	33.20	1.093	1492.0				
ISL	2500	0.97	34.720	27.84	31.73	1.174	1495.3				
ISL	2750	0.74	34.712	27.85	29.84	1.251	1498.6				
ISL	3000	0.51	34.704	27.86	27.76	1.323	1501.9				
ISL	3250	0.37	34.696	27.86	26.63	1.391	1505.6				
ISL	3500	0.27	34.689	27.86	25.84	1.457	1509.5				
ISL	3750	0.17	34.688	27.87	24.56	1.520	1513.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	6	0		6	12	70	7.1	5802.9S	11454.4E	504						19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10²·ml/l	PHOS 10²·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	0	2.28	33.975	27.15			1458.1	791	075	190	10
OBS	49	1.82	33.971	27.18			1456.9	775	120	261	5
OBS	74	1.67	33.978	27.20			1456.6	578	080	216	6
OBS	99	1.40	33.979	27.22			1455.8	785	139	163	5
OBS	149	0.70	34.015	27.29			1453.6	776	133	162	12
OBS	199	1.65	34.194	27.38			1458.9	602	203	300	13
OBS	296	1.74	34.339	27.48			1461.1	516	100	237	19
OBS	396	2.16	34.486	27.57			1464.8	441	097	267	15
OBS	493	2.26	34.565	27.62			1466.9	423	126	252	15
OBS	591	2.25	34.618	27.67			1468.6	415	199	310	18
OBS	690	2.23	34.649	27.69			1470.2	404	146	210	23
OBS	789	2.09	34.680	27.73			1471.3	427	201	163	32
OBS	888	2.11	34.703	27.75			1473.0	433	083	182	16
OBS	987	2.10	34.710	27.75			1474.7	431	100	267	22
OBS	1181	1.84	34.742	27.80			1476.8	446	121	257	33
OBS	1480	1.66	34.752	27.82			1481.1	475	076	116	16
OBS	1676	1.50	34.745	27.83			1483.7	473	113	333	26
OBS	1967	1.22	34.726	27.83			1487.4	484	123	239	23
OBS	2465	0.80	34.711	27.85			1494.0	473	100	219	24
ISL	0	2.28	33.975	27.15	92.28	0.000	1458.1				
ISL	10	2.18	33.973	27.16	91.71	0.009	1457.8				
ISL	20	2.08	33.971	27.16	91.14	0.018	1457.5				
ISL	30	1.99	33.971	27.17	90.54	0.027	1457.3				
ISL	50	1.81	33.971	27.19	89.30	0.045	1456.9				
ISL	75	1.66	33.978	27.20	87.76	0.068	1456.6				
ISL	100	1.39	33.979	27.22	85.84	0.089	1455.8				
ISL	125	1.05	33.987	27.25	83.05	0.110	1454.7				
ISL	150	0.70	34.017	27.30	78.64	0.131	1453.6				
ISL	200	1.66	34.197	27.38	71.61	0.168	1459.0				
ISL	250	1.68	34.271	27.43	66.30	0.203	1460.0				
ISL	300	1.75	34.345	27.49	61.46	0.235	1461.2				
ISL	400	2.17	34.490	27.57	54.38	0.292	1464.9				
ISL	500	2.26	34.570	27.63	49.78	0.345	1467.1				
ISL	600	2.25	34.621	27.67	46.30	0.393	1468.7				
ISL	700	2.22	34.652	27.70	44.23	0.438	1470.3				
ISL	800	2.09	34.683	27.73	41.16	0.481	1471.5				
ISL	900	2.11	34.705	27.75	40.25	0.521	1473.2				
ISL	1000	2.09	34.712	27.76	39.98	0.561	1474.8				
ISL	1100	1.94	34.729	27.78	37.62	0.600	1475.9				
ISL	1200	1.82	34.744	27.80	35.77	0.637	1477.1				
ISL	1300	1.78	34.751	27.81	35.15	0.672	1478.5				
ISL	1400	1.72	34.752	27.82	34.81	0.707	1480.0				
ISL	1500	1.65	34.752	27.82	34.46	0.742	1481.3				
ISL	1750	1.43	34.741	27.83	33.78	0.827	1484.6				
ISL	2000	1.19	34.725	27.83	32.95	0.911	1487.8				
ISL	2250	0.98	34.716	27.84	31.66	0.991	1491.1				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	7	0		8	12	70	13.5	6202.2S	11500.5E	540						23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	0	0.10	33.995	27.31			1448.4	819	049	203	36
OBS	10	-0.73	33.995	27.35			1444.7	836	059	258	41
OBS	25	-0.65	33.996	27.35			1445.3	823	080	217	37
OBS	50	-0.84	33.996	27.35			1444.8	821	085	174	32
OBS	75	-1.16	34.036	27.40			1443.8	817	089	169	39
OBS	100	-1.00	34.210	27.53			1445.2	699	038	129	40
OBS	149	1.23	34.548	27.69			1456.7	475	065	255	45
OBS	198	1.48	34.611	27.72			1458.7	452	087	272	49
OBS	292	1.57	34.663	27.76			1460.7	446	121	272	61
OBS	388	1.68	34.693	27.77			1462.9	453	050	184	51
OBS	484	1.60	34.706	27.79			1464.1	457	059	258	61
OBS	579	1.62	34.721	27.80			1465.8	430	101	249	52
OBS	676	1.53	34.726	27.81			1467.0	464	094	229	51
OBS	775	1.57	34.729	27.81			1468.9	466	095	179	45
OBS	975	1.32	34.729	27.83			1471.1	473		113	41
OBS	1174	1.12	34.721	27.83			1473.5	477	082	220	54
OBS	1447	0.91	34.710	27.84			1477.2	473	087	257	68
OBS	1640	0.74	34.710	27.85			1479.7	483	064	210	54
OBS	1954	0.54	34.704	27.86			1484.2	495	095	195	71
OBS	2427	0.24	34.692	27.87			1490.9	511	064	209	64
OBS	2921	0.10	34.695	27.88			1498.9	521	121	220	62
OBS	3416	-0.08	34.673	27.87			1506.7	543	069	117	54
OBS	3914	-0.22	34.678	27.88			1514.9	559	126	217	56
ISL	0	0.10	33.995	27.31	77.10	0.000	1448.4				
ISL	10	-0.73	33.995	27.35	73.49	0.008	1444.7				
ISL	20	-0.67	33.996	27.35	73.61	0.015	1445.1				
ISL	30	-0.66	33.996	27.35	73.60	0.022	1445.4				
ISL	50	-0.84	33.996	27.35	72.84	0.037	1444.8				
ISL	75	-1.16	34.036	27.40	68.55	0.055	1443.8				
ISL	100	-1.00	34.210	27.53	55.68	0.070	1445.2				
ISL	125	0.14	34.383	27.62	47.61	0.083	1451.1				
ISL	150	1.25	34.552	27.69	41.71	0.094	1456.8				
ISL	200	1.48	34.613	27.72	38.90	0.114	1458.8				
ISL	250	1.53	34.646	27.75	36.91	0.133	1459.8				
ISL	300	1.58	34.666	27.76	35.92	0.151	1460.9				
ISL	400	1.68	34.695	27.77	34.94	0.187	1463.0				
ISL	500	1.60	34.708	27.79	33.61	0.221	1464.4				
ISL	600	1.61	34.723	27.80	32.99	0.254	1466.1				
ISL	700	1.53	34.727	27.81	32.37	0.287	1467.4				
ISL	800	1.54	34.729	27.81	32.62	0.320	1469.1				
ISL	900	1.41	34.730	27.82	31.75	0.352	1470.2				
ISL	1000	1.29	34.728	27.83	31.14	0.383	1471.4				
ISL	1100	1.19	34.724	27.83	30.74	0.414	1472.6				
ISL	1200	1.10	34.720	27.84	30.43	0.445	1473.9				
ISL	1300	1.03	34.716	27.84	30.27	0.475	1475.2				
ISL	1400	0.95	34.712	27.84	30.04	0.505	1476.6				
ISL	1500	0.86	34.710	27.84	29.55	0.535	1477.9				
ISL	1750	0.67	34.709	27.85	28.06	0.607	1481.3				
ISL	2000	0.51	34.703	27.86	27.05	0.676	1484.8				
ISL	2250	0.35	34.697	27.86	25.95	0.742	1488.4				
ISL	2500	0.22	34.691	27.87	24.88	0.806	1492.1				
ISL	2750	0.15	34.694	27.87	23.90	0.867	1496.2				
ISL	3000	0.07	34.693	27.88	23.00	0.925	1500.2				
ISL	3250	-0.02	34.679	27.87	22.72	0.983	1504.1				
ISL	3500	-0.11	34.673	27.87	21.93	1.038	1508.1				
ISL	3750	-0.18	34.675	27.87	20.67	1.092	1512.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	8	0		11	12	70	12.1	6422.6S	11436.2E	540						19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	0	-1.63	33.966	27.36			1440.3	748	093	247	53
OBS	25	-1.64	33.973	27.36			1440.7	763	106	299	29
OBS	50	-1.76	34.231	27.57			1440.9	682	108	270	26
OBS	75	-1.70	34.302	27.63			1441.7	692	087	154	32
OBS	100	-0.58	34.483	27.74			1447.6	601	112	216	62
OBS	150	1.06	34.675	27.80			1456.1	458	080	127	33
OBS	200	1.08	34.693	27.81			1457.1	475	082	150	37
OBS	298	1.07	34.703	27.82			1458.7	446	109	233	40
OBS	394	0.90	34.692	27.83			1459.5	483	087	265	39
OBS	491	0.71	34.689	27.84			1460.2	497	084	310	37
OBS	587	0.58	34.684	27.84			1461.2	499	102	161	67
OBS	684	0.47	34.678	27.84			1462.3	503	084	075	60
OBS	782	0.34	34.675	27.85			1463.4	510	047	244	74
OBS	880	0.37	34.671	27.84			1465.2	515	087	208	61
OBS	978	0.20	34.671	27.85			1466.0	496	056	259	56
OBS	1176	0.06	34.672	27.86			1468.7	526	102	225	47
OBS	1457	-0.02	34.664	27.86			1473.1	532	100	258	88
OBS	1654	-0.13	34.668	27.87			1476.0	545	115	233	52
OBS	1952	-0.24	34.668	27.87			1480.6	553	100	183	81
ISL	0	-1.63	33.966	27.36	72.94	0.000	1440.3				
ISL	10	-1.63	33.950	27.34	74.15	0.007	1440.4				
ISL	20	-1.63	33.962	27.35	73.15	0.015	1440.6				
ISL	30	-1.66	34.010	27.39	69.33	0.022	1440.7				
ISL	50	-1.76	34.231	27.57	51.96	0.034	1440.9				
ISL	75	-1.70	34.302	27.63	46.55	0.046	1441.7				
ISL	100	-0.58	34.483	27.74	36.56	0.057	1447.6				
ISL	125	0.42	34.605	27.78	32.38	0.065	1452.7				
ISL	150	1.06	34.675	27.80	31.05	0.073	1456.1				
ISL	200	1.08	34.693	27.81	29.97	0.088	1457.1				
ISL	250	1.09	34.702	27.82	29.48	0.103	1458.0				
ISL	300	1.07	34.703	27.82	29.39	0.118	1458.7				
ISL	400	0.89	34.692	27.83	29.17	0.147	1459.5				
ISL	500	0.70	34.689	27.84	28.18	0.176	1460.3				
ISL	600	0.56	34.683	27.84	27.74	0.204	1461.4				
ISL	700	0.45	34.677	27.84	27.44	0.232	1462.5				
ISL	800	0.33	34.674	27.85	26.85	0.259	1463.7				
ISL	900	0.34	34.671	27.84	27.23	0.286	1465.4				
ISL	1000	0.17	34.671	27.85	25.90	0.312	1466.3				
ISL	1100	0.09	34.671	27.86	25.24	0.338	1467.6				
ISL	1200	0.05	34.672	27.86	24.84	0.363	1469.1				
ISL	1300	0.03	34.669	27.86	24.80	0.388	1470.7				
ISL	1400	0.00	34.665	27.86	24.89	0.413	1472.3				
ISL	1500	-0.04	34.665	27.86	24.46	0.437	1473.8				
ISL	1750	-0.17	34.668	27.87	22.91	0.496	1477.4				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	9	0		14	12	70	16.0	6431.3S	10438.0E	541						19

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	0	-1.02	34.060	27.41			1443.3	778	106	169	55
OBS	25	-1.58	34.127	27.49			1441.2	818	119	098	47
OBS	50	-1.70	34.156	27.51			1441.0	765	092	122	41
OBS	75	-1.84	34.353	27.67			1441.1	736	106	125	55
OBS	100	-1.86	34.372	27.69			1441.4	757	089	177	48
OBS	149	-1.81	34.385	27.70			1442.5	747	092	142	40
OBS	199	-1.86	34.388	27.70			1443.1	737	080	232	50
OBS	298	-1.80	34.408	27.72			1445.0	737	078	162	43
OBS	398	-1.04	34.483	27.76			1450.4	672	103	233	48
OBS	497	0.24	34.616	27.80			1458.1	541	086	152	46
OBS	597	0.68	34.673	27.82			1461.8	506	092	123	41
OBS	697		34.674					507	080	174	35
OBS	796	0.48	34.674	27.84			1464.3	508	092	121	53
OBS	896	0.30	34.663	27.84			1465.1	509	132	182	70
OBS	996	0.18	34.664	27.85			1466.2	508	100	209	72
OBS	1195	0.07	34.664	27.85			1469.1	524	119	234	39
OBS	1475	-0.03	34.665	27.86			1473.4	531	092	189	87
OBS	1656	-0.16	34.665	27.86			1475.8	533	086	113	59
OBS	1920	-0.28	34.665	27.87			1479.8	554	095	227	70
ISL	0	-1.02	34.060	27.41	67.52	0.000	1443.3				
ISL	10	-1.29	34.085	27.44	64.73	0.007	1442.2				
ISL	20	-1.49	34.115	27.47	61.74	0.013	1441.5				
ISL	30	-1.61	34.135	27.49	59.82	0.019	1441.1				
ISL	50	-1.70	34.156	27.51	57.89	0.031	1441.0				
ISL	75	-1.84	34.353	27.67	42.25	0.043	1441.1				
ISL	100	-1.86	34.372	27.69	40.60	0.054	1441.4				
ISL	125	-1.84	34.382	27.70	39.78	0.064	1442.0				
ISL	150	-1.81	34.385	27.70	39.41	0.074	1442.5				
ISL	200	-1.86	34.388	27.70	38.75	0.093	1443.1				
ISL	250	-1.88	34.394	27.71	37.93	0.112	1443.9				
ISL	300	-1.79	34.409	27.72	36.78	0.131	1445.1				
ISL	400	-1.02	34.485	27.76	33.55	0.166	1450.5				
ISL	500	0.26	34.619	27.81	30.47	0.198	1458.3				
ISL	600	0.69	34.674	27.82	29.36	0.228	1461.9				
ISL	700	0.62	34.674	27.83	28.94	0.257	1463.3				
ISL	800	0.47	34.674	27.84	27.95	0.286	1464.3				
ISL	900	0.29	34.663	27.84	27.44	0.313	1465.1				
ISL	1000	0.18	34.664	27.85	26.46	0.340	1466.3				
ISL	1100	0.11	34.664	27.85	25.95	0.367	1467.7				
ISL	1200	0.07	34.664	27.85	25.57	0.392	1469.2				
ISL	1300	0.03	34.664	27.85	25.17	0.418	1470.7				
ISL	1400	-0.00	34.665	27.86	24.86	0.443	1472.2				
ISL	1500	-0.05	34.665	27.86	24.40	0.467	1473.7				
ISL	1750	-0.21	34.665	27.87	22.77	0.526	1477.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	10	0		18	12	70	0.8	6339.0S	9500.0E	542						21

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10²·ml/l	PHOS 10²·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	0	-1.52	34.053	27.42			1440.9	784	093	198	40
OBS	25	-1.51	34.053	27.42			1441.4	781	135	300	42
OBS	50	-1.82	34.152	27.51			1440.5	713	161	272	35
OBS	75	-1.80	34.196	27.55			1441.0	705	114	283	48
OBS	100	-1.74	34.286	27.62			1441.9	713	174	300	50
OBS	150	-1.37	34.373	27.68			1444.6	673	110	219	41
OBS	200	-0.58	34.492	27.74			1449.2	621	121	208	37
OBS	298	0.74	34.654	27.81			1457.1	510	107	213	48
OBS	397	0.94	34.689	27.82			1459.7	486	109	245	39
OBS	496	0.98	34.699	27.83			1461.5	485	082	220	52
OBS	596	0.88	34.700	27.83			1462.7	496	089	149	34
OBS	695	0.82	34.708	27.84			1464.1	492	086	157	44
OBS	794	0.66	34.690	27.84			1465.0	495	134	237	57
OBS	892	0.64	34.688	27.84			1466.6	496	103	217	41
OBS	988	0.51	34.685	27.84			1467.6	503	107	229	59
OBS	1176	0.33	34.678	27.85			1469.9	510	109	258	60
OBS	1485	0.14	34.670	27.85			1474.3	526	103	234	52
OBS	1682	0.02	34.667	27.86			1477.0	534	073	189	58
OBS	1980	-0.06	34.667	27.86			1481.8	540	080	149	49
OBS	2460	-0.20	34.667	27.87			1489.4	558	105	236	45
OBS	2652	-0.20	34.668	27.87			1492.7	550	119	203	54
ISL	0	-1.52	34.053	27.42	66.55	0.000	1440.9				
ISL	10	-1.49	34.045	27.42	67.19	0.007	1441.2				
ISL	20	-1.50	34.049	27.42	66.79	0.013	1441.3				
ISL	30	-1.55	34.068	27.44	65.12	0.020	1441.3				
ISL	50	-1.82	34.152	27.51	57.89	0.032	1440.5				
ISL	75	-1.80	34.196	27.55	54.40	0.046	1441.0				
ISL	100	-1.74	34.286	27.62	47.52	0.059	1441.9				
ISL	125	-1.60	34.326	27.65	44.67	0.071	1443.0				
ISL	150	-1.37	34.373	27.68	41.71	0.081	1444.5				
ISL	200	-0.58	34.492	27.74	35.64	0.101	1449.2				
ISL	250	0.16	34.589	27.79	32.08	0.118	1453.6				
ISL	300	0.75	34.656	27.81	30.76	0.133	1457.2				
ISL	400	0.94	34.690	27.82	29.70	0.164	1459.7				
ISL	500	0.98	34.699	27.83	29.46	0.193	1461.6				
ISL	600	0.88	34.700	27.83	28.80	0.222	1462.8				
ISL	700	0.81	34.708	27.84	27.93	0.251	1464.2				
ISL	800	0.65	34.690	27.84	28.16	0.279	1465.1				
ISL	900	0.63	34.688	27.84	28.24	0.307	1466.7				
ISL	1000	0.50	34.685	27.84	27.49	0.335	1467.7				
ISL	1100	0.39	34.681	27.85	26.97	0.362	1468.9				
ISL	1200	0.31	34.677	27.85	26.63	0.389	1470.2				
ISL	1300	0.25	34.674	27.85	26.35	0.415	1471.6				
ISL	1400	0.19	34.672	27.85	26.02	0.441	1473.1				
ISL	1500	0.13	34.670	27.85	25.62	0.467	1474.5				
ISL	1750	0.00	34.667	27.86	24.56	0.530	1478.1				
ISL	2000	-0.07	34.667	27.86	23.77	0.590	1482.1				
ISL	2250	-0.14	34.667	27.87	22.84	0.649	1486.0				
ISL	2500	-0.20	34.667	27.87	21.92	0.705	1490.0				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	11	0		19	12	70	20.5	6331.3S	9017.6E	542						23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	0	-1.40	33.791	27.21			1441.1	808	075	273	44
OBS	25	-1.36	33.890	27.29			1441.9	868	080	203	37
OBS	50	-1.58	34.148	27.50			1441.6	767	078	160	35
OBS	75	-1.63	34.282	27.61			1442.0	716	080	229	45
OBS	99	-0.70	34.411	27.68			1446.9	654	063	166	32
OBS	149	0.56	34.611	27.78			1453.8	532	073	155	33
OBS	199	1.02	34.644	27.78			1456.7	497	138	331	59
OBS	248	1.14	34.668	27.79			1458.1	479	086	159	43
OBS	297	1.17	34.689	27.81			1459.1	494	066	100	25
OBS	395	1.20	34.698	27.81			1460.8	481	070	198	26
OBS	492	1.12	34.686	27.81			1462.1	472	064	130	23
OBS	588	1.06	34.701	27.82			1463.4	492	065	148	67
OBS	684	0.96	34.701	27.83			1464.5	488	072	191	75
OBS	780	0.91	34.697	27.83			1465.9	484	091	204	71
OBS	976	0.70	34.693	27.84			1468.2	489	066	179	
OBS	1172	0.57	34.688	27.84			1470.9	487	144	196	77
OBS	1088	0.61	34.700	27.85			1469.7	492	093	132	44
OBS	1367	0.45	34.687	27.85			1473.7	506	067	090	38
OBS	1554	0.36	34.679	27.85			1476.4	502	069	115	39
OBS	1839	0.17	34.675	27.86			1480.4	517	099	150	98
OBS	2310	0.02	34.676	27.86			1487.8	529	138	260	94
OBS	2782	-0.14	34.672	27.87			1495.2	543	136	276	99
OBS	3260	-0.23	34.676	27.88			1503.1	557	092	100	37
ISL	0	-1.40	33.791	27.21	86.98	0.000	1441.1				
ISL	10	-1.36	33.819	27.23	84.90	0.009	1441.5				
ISL	20	-1.36	33.864	27.27	81.40	0.017	1441.7				
ISL	30	-1.39	33.932	27.32	76.02	0.025	1441.9				
ISL	50	-1.58	34.148	27.50	58.79	0.038	1441.6				
ISL	75	-1.63	34.282	27.61	48.26	0.052	1442.0				
ISL	100	-0.67	34.416	27.69	41.29	0.063	1447.1				
ISL	125	0.06	34.535	27.75	35.66	0.072	1451.0				
ISL	150	0.58	34.613	27.78	32.69	0.081	1453.9				
ISL	200	1.03	34.645	27.78	33.25	0.097	1456.7				
ISL	250	1.14	34.669	27.79	32.34	0.114	1458.1				
ISL	300	1.17	34.690	27.81	31.09	0.130	1459.1				
ISL	400	1.20	34.698	27.81	30.96	0.161	1460.9				
ISL	500	1.11	34.686	27.81	31.45	0.192	1462.2				
ISL	600	1.05	34.702	27.82	30.03	0.223	1463.5				
ISL	700	0.95	34.700	27.83	29.53	0.252	1464.8				
ISL	800	0.89	34.696	27.83	29.55	0.282	1466.2				
ISL	900	0.77	34.695	27.84	28.91	0.311	1467.3				
ISL	1000	0.68	34.692	27.84	28.38	0.340	1468.5				
ISL	1100	0.61	34.690	27.84	28.09	0.368	1469.9				
ISL	1200	0.55	34.694	27.85	27.33	0.396	1471.3				
ISL	1300	0.49	34.690	27.85	27.22	0.423	1472.7				
ISL	1400	0.43	34.686	27.85	27.13	0.450	1474.1				
ISL	1500	0.39	34.681	27.85	27.11	0.477	1475.6				
ISL	1750	0.23	34.675	27.85	26.11	0.544	1479.1				
ISL	2000	0.12	34.675	27.86	25.01	0.608	1482.9				
ISL	2250	0.04	34.676	27.86	24.07	0.669	1486.8				
ISL	2500	-0.04	34.675	27.87	23.13	0.728	1490.7				
ISL	2750	-0.13	34.672	27.87	22.20	0.785	1494.7				
ISL	3000	-0.19	34.673	27.87	21.22	0.839	1498.7				
ISL	3250	-0.23	34.676	27.88	20.30	0.891	1502.9				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	12	0		26	12	70	7.6	6135.3S	7512.2E	544						16

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	0	-0.72	33.882	27.26			1444.4	822	100	137	20
OBS	25	-0.75	33.875	27.25			1444.7	818	067	191	11
OBS	50	-1.06	33.953	27.33			1443.8	795	093	102	21
OBS	75	-1.70	34.109	27.47			1441.4	741	073	159	33
OBS	100	-1.62	34.130	27.49			1442.2	725	101	212	35
OBS	148	0.37	34.355	27.59			1452.5	545	118	232	40
OBS	196	1.52	34.521	27.65			1458.7	452	088	179	46
OBS	292	1.84	34.623	27.70			1461.8	428	099	174	34
OBS	387	1.86	34.660	27.73			1463.6	436	088	180	35
OBS	483	1.94	34.692	27.75			1465.5	448	079	195	66
OBS	578	1.84	34.704	27.77			1466.7	451	086	239	55
OBS	770	1.76	34.727	27.79			1469.6	460	088	183	46
OBS	964	1.68	34.723	27.80			1472.4	473	084	221	58
OBS	1158	1.44	34.719	27.81			1474.6	481	113	224	66
OBS	1450	1.13	34.708	27.82			1478.1	476	080	219	43
OBS	1646	0.92	34.691	27.82			1480.5	472	139	244	64
ISL	0	-0.72	33.882	27.26	82.21	0.000	1444.4				
ISL	10	-0.70	33.869	27.25	83.22	0.008	1444.7				
ISL	20	-0.72	33.870	27.25	83.05	0.017	1444.7				
ISL	30	-0.79	33.884	27.26	81.67	0.025	1444.6				
ISL	50	-1.06	33.953	27.33	75.35	0.041	1443.8				
ISL	75	-1.70	34.109	27.47	61.31	0.058	1441.4				
ISL	100	-1.62	34.130	27.49	59.78	0.073	1442.2				
ISL	125	-0.48	34.253	27.55	54.47	0.087	1448.1				
ISL	150	0.43	34.363	27.59	50.78	0.100	1452.9				
ISL	200	1.58	34.531	27.65	45.84	0.124	1459.1				
ISL	250	1.77	34.595	27.69	42.62	0.146	1460.8				
ISL	300	1.85	34.628	27.71	40.89	0.167	1462.0				
ISL	400	1.87	34.665	27.74	38.75	0.207	1463.8				
ISL	500	1.93	34.694	27.75	37.44	0.245	1465.8				
ISL	600	1.83	34.707	27.77	36.12	0.282	1467.0				
ISL	700	1.79	34.719	27.78	35.25	0.318	1468.5				
ISL	800	1.75	34.726	27.79	34.71	0.353	1470.0				
ISL	900	1.71	34.724	27.80	34.89	0.387	1471.5				
ISL	1000	1.63	34.722	27.80	34.76	0.422	1472.8				
ISL	1100	1.51	34.720	27.81	34.05	0.457	1473.9				
ISL	1200	1.40	34.718	27.81	33.45	0.490	1475.1				
ISL	1300	1.29	34.715	27.82	32.88	0.524	1476.3				
ISL	1400	1.18	34.711	27.82	32.41	0.556	1477.5				
ISL	1500	1.08	34.704	27.82	32.08	0.589	1478.7				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	13	0		28	12	70	12.8	6512.1S	7449.8E	544						21

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	0	-1.26	33.514	26.98			1441.4	826	110	195	30
OBS	25	-1.30	33.608	27.06			1441.7	818	065	172	12
OBS	50	-1.66	34.213	27.56			1441.3	733	069	201	20
OBS	75	-1.74	34.299	27.63			1441.5	700	078	272	28
OBS	100	-1.72	34.331	27.65			1442.0	693	174	291	56
OBS	150	-1.35	34.382	27.68			1444.7	692	064	275	36
OBS	200	-0.60	34.459	27.72			1449.1	593	070	257	47
OBS	299	0.54	34.608	27.78			1456.1	515	064	204	62
OBS	397	0.44	34.624	27.80			1457.3	533	106	284	56
OBS	497	0.45	34.642	27.81			1459.1	490	066	227	68
OBS	597	0.54	34.662	27.82			1461.2	523Q	128	239	46
OBS	694	0.54	34.671	27.83			1462.8	470	102	249	76
OBS	792	0.53	34.683	27.84			1464.4	489	130	310	43
OBS	890	0.54	34.685	27.84			1466.1	487	113	187	42
OBS	988	0.46	34.686	27.85			1467.3	473	148	297	57
OBS	1182	0.36	34.687	27.85			1470.2	444Q	099	239	88
OBS	1479	0.26	34.680	27.85			1474.7	508	112	264	43
OBS	1672	0.16	34.680	27.86			1477.5	514	116	244	61
OBS	1963	0.06	34.672	27.86			1482.0	525	112	157	105
OBS	2448	-0.12	34.672	27.87			1489.5	537	082	219	102
OBS	2944	-0.27	34.678	27.88			1497.4	553	080	211	75
ISL	0	-1.26	33.514	26.98	108.60	0.000	1441.4				
ISL	10	-1.25	33.517	26.98	108.34	0.011	1441.6				
ISL	20	-1.28	33.569	27.02	104.24	0.021	1441.7				
ISL	30	-1.35	33.693	27.13	94.45	0.031	1441.7				
ISL	50	-1.66	34.213	27.56	53.60	0.046	1441.3				
ISL	75	-1.74	34.299	27.63	46.65	0.059	1441.5				
ISL	100	-1.72	34.331	27.65	44.11	0.070	1442.0				
ISL	125	-1.59	34.358	27.67	42.31	0.081	1443.1				
ISL	150	-1.35	34.382	27.68	41.09	0.091	1444.7				
ISL	200	-0.60	34.459	27.72	38.05	0.111	1449.1				
ISL	250	0.08	34.535	27.75	35.69	0.130	1453.1				
ISL	300	0.54	34.608	27.78	32.99	0.147	1456.2				
ISL	400	0.44	34.625	27.80	31.14	0.179	1457.4				
ISL	500	0.45	34.643	27.81	29.92	0.209	1459.1				
ISL	600	0.54	34.662	27.82	29.15	0.239	1461.2				
ISL	700	0.54	34.672	27.83	28.53	0.268	1462.9				
ISL	800	0.53	34.683	27.84	27.66	0.296	1464.5				
ISL	900	0.53	34.685	27.84	27.64	0.323	1466.2				
ISL	1000	0.45	34.686	27.85	27.01	0.351	1467.5				
ISL	1100	0.39	34.687	27.85	26.52	0.378	1468.9				
ISL	1200	0.35	34.687	27.85	26.23	0.404	1470.4				
ISL	1300	0.32	34.684	27.86	26.14	0.430	1471.9				
ISL	1400	0.29	34.681	27.85	26.19	0.456	1473.5				
ISL	1500	0.25	34.680	27.86	25.95	0.482	1475.0				
ISL	1750	0.13	34.678	27.86	24.96	0.546	1478.7				
ISL	2000	0.05	34.671	27.86	24.57	0.608	1482.6				
ISL	2250	-0.05	34.671	27.86	23.57	0.668	1486.4				
ISL	2500	-0.14	34.672	27.87	22.27	0.725	1490.3				
ISL	2750	-0.21	34.675	27.88	21.02	0.779	1494.3				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	14	0		30	12	70	8.5	6529.3S	7447.7E	544						21

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	0	-0.85	33.569	27.01			1443.4	825	122	170	30
OBS	25	-1.38	33.754	27.18			1441.6	824	069	185	33
OBS	50	-1.71	34.314	27.64			1441.2	734	100	117	41
OBS	75	-1.74	34.341	27.66			1441.5	707	120	227	44
OBS	100	-1.69	34.361	27.68			1442.2	714	097	230	50
OBS	150	-1.22	34.415	27.71			1445.3	745	091	157	31
OBS	200	-0.36	34.513	27.75			1450.3	599	081	189	44
OBS	298	0.32	34.614	27.80			1455.1	548	075	161	45
OBS	392	0.52	34.651	27.82			1457.7	534	070	223	55
OBS	494	0.68	34.684	27.83			1460.1	538	070	195	56
OBS	592	0.67	34.695	27.84			1461.7	496	093	208	52
OBS	691	0.63	34.695	27.85			1463.2	496	087	210	68
OBS	789	0.55	34.702	27.86			1464.5	490	095	183	35
OBS	887	0.52	34.695	27.85			1466.0	489	096	181	76
OBS	984	0.44	34.699	27.86			1467.2	494	127	221	86
OBS	1176	0.33	34.698	27.87			1470.0	491	091	243	87
OBS	1490	0.16	34.687	27.87			1474.5	516	061	262	83
OBS	1686	0.08	34.687	27.87			1477.4	524	061	230	72
OBS	1976	0.04	34.687	27.87			1482.2	525	156	192	93
OBS	2459	-0.10	34.687	27.88			1489.9	535	152	204	90
OBS	2951	-0.23	34.687	27.89			1497.8	550	177	246	93
ISL	0	-0.85	33.569	27.01	105.69	0.000	1443.4				
ISL	10	-1.09	33.623	27.06	100.73	0.010	1442.5				
ISL	20	-1.29	33.702	27.13	93.98	0.020	1441.8				
ISL	30	-1.47	33.836	27.25	83.15	0.029	1441.3				
ISL	50	-1.71	34.314	27.64	45.74	0.042	1441.2				
ISL	75	-1.74	34.341	27.66	43.45	0.053	1441.5				
ISL	100	-1.69	34.361	27.68	41.90	0.064	1442.2				
ISL	125	-1.51	34.384	27.69	40.56	0.074	1443.5				
ISL	150	-1.22	34.415	27.71	39.03	0.084	1445.3				
ISL	200	-0.36	34.513	27.75	35.12	0.102	1450.3				
ISL	250	0.13	34.578	27.78	32.71	0.119	1453.4				
ISL	300	0.33	34.615	27.80	31.10	0.135	1455.2				
ISL	400	0.53	34.654	27.82	29.56	0.166	1457.9				
ISL	500	0.68	34.685	27.83	28.34	0.195	1460.2				
ISL	600	0.67	34.695	27.84	27.60	0.223	1461.8				
ISL	700	0.62	34.695	27.85	27.39	0.250	1463.3				
ISL	800	0.54	34.702	27.86	26.40	0.277	1464.6				
ISL	900	0.51	34.695	27.85	26.73	0.304	1466.1				
ISL	1000	0.43	34.699	27.86	25.84	0.330	1467.4				
ISL	1100	0.37	34.700	27.86	25.38	0.355	1468.9				
ISL	1200	0.32	34.697	27.87	25.14	0.381	1470.3				
ISL	1300	0.26	34.694	27.87	24.94	0.406	1471.7				
ISL	1400	0.20	34.689	27.87	24.81	0.431	1473.2				
ISL	1500	0.16	34.687	27.87	24.56	0.455	1474.6				
ISL	1750	0.07	34.687	27.87	23.70	0.516	1478.5				
ISL	2000	0.03	34.687	27.87	23.31	0.574	1482.6				
ISL	2250	-0.04	34.687	27.88	22.41	0.632	1486.5				
ISL	2500	-0.11	34.687	27.88	21.48	0.686	1490.5				
ISL	2750	-0.18	34.687	27.88	20.59	0.739	1494.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	15	0		2	1	71	5.0	6156.0S	7511.8E	544						23

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	0	-0.35	33.850	27.22			1446.1	816	097	093	22
OBS	25	-0.48	33.844	27.22			1445.9	826	230	169	29
OBS	35	-0.56	33.856	27.23			1445.7	818	160	198	27
OBS	50	-1.54	34.078	27.44			1441.7	765	143	173	29
OBS	75	-1.56	34.160	27.51			1442.1	718	145	196	37
OBS	99	-0.79	34.242	27.55			1446.2	642	145	169	33
OBS	125	0.57	34.405	27.62			1453.1	502	116	190	44
OBS	149	1.38	34.503	27.64			1457.3	455	141	158	43
OBS	198	1.75	34.579	27.68			1459.8	427	118	247	35
OBS	297	1.90	34.640	27.71			1462.2	419	193	135	60
OBS	396	1.96	34.684	27.74			1464.2	414	138	271	46
OBS	494	1.92	34.706	27.76			1465.7	431	200	172	74
OBS	593	1.88	34.723	27.78			1467.1	436	083	176	49
OBS	693	1.80	34.732	27.79			1468.5	451	107	144	52
OBS	786	1.79	34.740	27.80			1470.0	456	096	165	49
OBS	979	1.60	34.751	27.82			1472.4	466	093	177	47
OBS	1490	1.10	34.717	27.83			1478.7	483	102	200	73
OBS	1689	0.82	34.710	27.85			1480.8	482	095	159	70
OBS	1987	0.71	34.701	27.85			1485.4	486	070	151	78
OBS	2476	0.42	34.692	27.86			1492.4	495	088	140	73
OBS	2960	0.24	34.680	27.86			1500.0	517	102	216	51
OBS	3439	-0.02	34.672	27.86			1507.2	537	096	221	79
OBS	3829	-0.14	34.677	27.87			1513.5	545	109	164	68
ISL	0	-0.35	33.850	27.22	86.12	0.000	1446.1				
ISL	10	-0.38	33.837	27.21	86.96	0.009	1446.1				
ISL	20	-0.44	33.839	27.21	86.55	0.017	1446.0				
ISL	30	-0.51	33.846	27.22	85.65	0.026	1445.8				
ISL	50	-1.54	34.078	27.44	64.29	0.041	1441.7				
ISL	75	-1.56	34.160	27.51	57.80	0.056	1442.1				
ISL	100	-0.75	34.247	27.55	53.87	0.070	1446.5				
ISL	125	0.57	34.405	27.62	48.40	0.083	1453.1				
ISL	150	1.40	34.506	27.64	46.21	0.095	1457.4				
ISL	200	1.76	34.581	27.68	43.34	0.117	1459.9				
ISL	250	1.85	34.616	27.70	41.69	0.138	1461.2				
ISL	300	1.90	34.642	27.71	40.35	0.159	1462.3				
ISL	400	1.96	34.685	27.74	37.97	0.198	1464.2				
ISL	500	1.92	34.707	27.77	36.42	0.235	1465.7				
ISL	600	1.88	34.724	27.78	35.24	0.271	1467.2				
ISL	700	1.80	34.733	27.80	34.31	0.306	1468.6				
ISL	800	1.78	34.741	27.80	33.89	0.340	1470.2				
ISL	900	1.68	34.748	27.82	32.87	0.373	1471.4				
ISL	1000	1.58	34.751	27.83	32.10	0.406	1472.6				
ISL	1100	1.48	34.742	27.83	32.13	0.438	1473.9				
ISL	1200	1.38	34.734	27.83	32.15	0.470	1475.1				
ISL	1300	1.29	34.727	27.83	31.96	0.502	1476.3				
ISL	1400	1.19	34.722	27.83	31.66	0.534	1477.6				
ISL	1500	1.09	34.717	27.83	31.26	0.565	1478.8				
ISL	1750	0.80	34.708	27.85	29.43	0.641	1481.8				
ISL	2000	0.70	34.701	27.85	29.29	0.715	1485.6				
ISL	2250	0.55	34.696	27.85	28.20	0.787	1489.2				
ISL	2500	0.41	34.691	27.86	27.07	0.856	1492.8				
ISL	2750	0.32	34.685	27.86	26.63	0.923	1496.7				
ISL	3000	0.22	34.679	27.86	25.83	0.988	1500.6				
ISL	3250	0.08	34.674	27.86	24.44	1.051	1504.3				
ISL	3500	-0.04	34.672	27.86	22.80	1.110	1508.2				
ISL	3750	-0.12	34.675	27.87	21.39	1.165	1512.2				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	16	0		5	1	71	22.4	5308.2S	7259.3E	508						10

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	0	2.87	33.996	27.12			1460.7	819	107	191	14
OBS	10	2.79	33.993	27.12			1460.5	814	069	167	13
OBS	20	2.56	34.001	27.15			1459.7	817	068	159	12
OBS	40	2.14	34.007	27.19			1458.2	786	075	193	8
OBS	65	1.98	34.023	27.21			1457.9	774	070	196	19
OBS	90	1.81	34.038	27.24			1457.6	741	066	138	12
OBS	115	1.80	34.055	27.25			1458.0	746	066	163	20
OBS	140	1.78	34.051	27.25			1458.3	733	070	140	18
OBS	190	1.73	34.056	27.26			1458.9	740	078	191	20
OBS	215	1.71	34.102	27.30			1459.3	737	069	161	18
ISL	0	2.87	33.996	27.12	95.43	0.000	1460.7				
ISL	10	2.79	33.993	27.12	95.05	0.010	1460.5				
ISL	20	2.56	34.001	27.15	92.61	0.019	1459.7				
ISL	30	2.34	34.004	27.17	90.72	0.028	1458.9				
ISL	50	2.08	34.013	27.20	88.05	0.046	1458.1				
ISL	75	1.91	34.029	27.22	85.72	0.068	1457.8				
ISL	100	1.81	34.045	27.24	83.83	0.089	1457.7				
ISL	125	1.79	34.053	27.25	83.18	0.110	1458.1				
ISL	150	1.77	34.051	27.25	83.32	0.131	1458.4				
ISL	200	1.72	34.071	27.27	81.54	0.172	1459.1				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	17	0		8	1	71	4.7	4922.0S	7043.0E	472						14

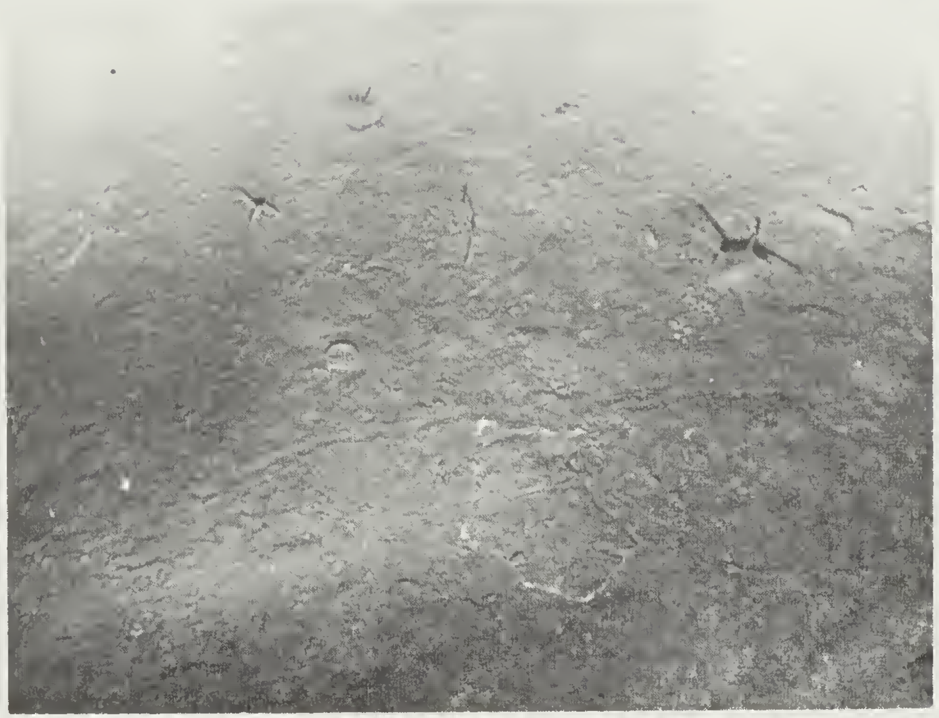
TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·μgat/l	NITR 10·μgat/l	SILIC μgat/l
OBS	0	4.23	33.894	26.91			1466.3	806	063	149	2
OBS	10	4.20	33.891	26.91			1466.4	806	119	240	4
OBS	24	4.10	33.891	26.92			1466.2	817	063	110	2
OBS	34	3.56	33.893	26.97			1464.1	797	082	142	2
OBS	48	3.03	33.897	27.03			1462.0	820	050	093	3
OBS	73	2.64	33.911	27.07			1460.8	787	067	139	5
OBS	97	2.67	33.915	27.07			1461.3	803	060	124	5
OBS	121	2.53	33.918	27.09			1461.1	784	110	201	9
OBS	146	2.34	33.931	27.11			1460.7	766	076	124	7
OBS	171	2.28	33.935	27.12			1460.9	761	164	229	15
OBS	195	2.22	33.940	27.13			1461.0	758	060	095	21
OBS	243	2.14	33.950	27.14			1461.4	746			
OBS	290	1.96	34.005	27.20			1461.5	697	126	209	17
OBS	336	1.81	34.152	27.33			1461.8	604	060	144	18
ISL	0	4.23	33.894	26.91	115.59	0.000	1466.3				
ISL	10	4.20	33.891	26.91	115.61	0.012	1466.4				
ISL	20	4.15	33.891	26.91	115.25	0.023	1466.3				
ISL	30	3.77	33.892	26.95	111.47	0.034	1464.9				
ISL	50	2.97	33.898	27.03	104.01	0.056	1461.8				
ISL	75	2.63	33.912	27.07	100.22	0.082	1460.8				
ISL	100	2.66	33.915	27.07	100.30	0.107	1461.3				
ISL	125	2.50	33.919	27.09	98.82	0.131	1461.0				
ISL	150	2.33	33.932	27.11	96.63	0.156	1460.7				
ISL	200	2.21	33.941	27.13	95.14	0.204	1461.0				
ISL	250	2.11	33.955	27.15	93.57	0.251	1461.5				
ISL	300	1.93	34.030	27.22	86.58	0.296	1461.6				

EL 46	17A	0		9	1	71	14.3	5019.0S	7425.0E	508	0	0.0	0.0	0	0	11

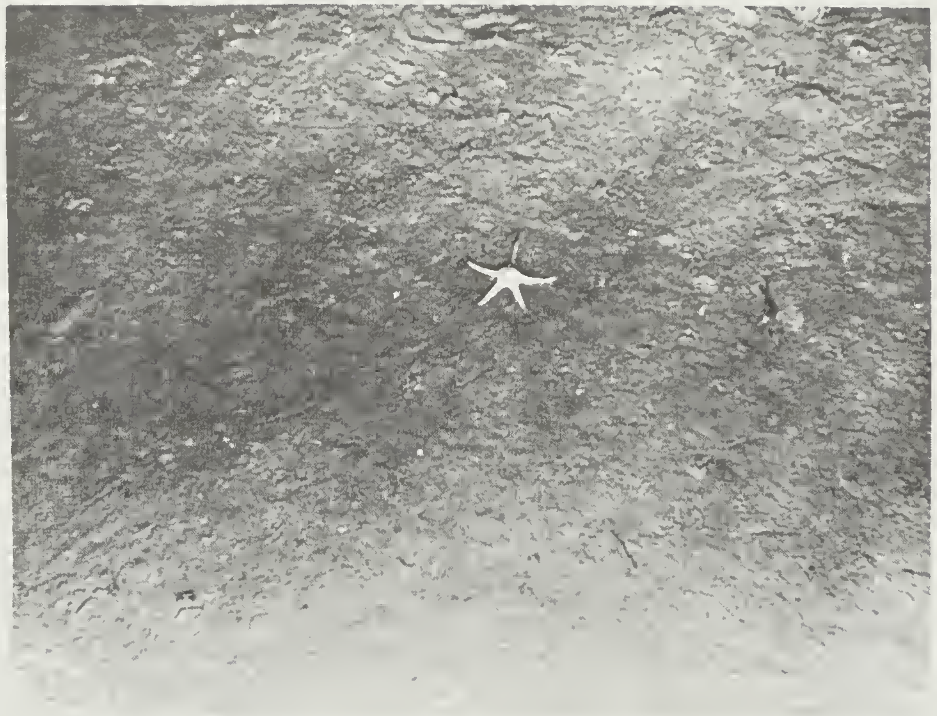
OBS	0	3.19	33.991	27.09			1462.1	802	082	161	4
OBS	10	2.99	33.991	27.10			1461.4	809	073	133	4
OBS	25	2.82	33.993	27.12			1460.9	613	083	158	6
OBS	50	1.51	34.000	27.23			1455.5	692	099	183	15
OBS	75	1.07	33.980	27.24			1454.0	758	087	209	19
OBS	100	1.40	34.036	27.27			1455.9	691	100	156	24
OBS	150	0.64	34.023	27.30			1453.3	678	119	109	21
OBS	200	0.86	34.127	27.38			1455.3	595	110	189	27
OBS	249	1.19	34.236	27.44			1457.7	560	102	231	40
OBS	298	1.58	34.322	27.48			1460.4	460	100	225	41
OBS	397	1.95	34.470	27.57			1463.9	429	100	224	46
ISL	0	3.19	33.991	27.09	98.54	0.000	1462.1				
ISL	10	2.99	33.991	27.10	96.88	0.010	1461.4				
ISL	20	2.86	33.992	27.12	95.78	0.019	1461.0				
ISL	30	2.62	33.994	27.14	93.72	0.029	1460.1				
ISL	50	1.51	34.000	27.23	84.98	0.047	1455.5				
ISL	75	1.07	33.980	27.24	83.65	0.068	1454.0				
ISL	100	1.40	34.036	27.27	81.63	0.088	1455.9				
ISL	125	0.97	34.028	27.29	79.41	0.109	1454.4				
ISL	150	0.64	34.023	27.30	77.81	0.128	1453.3				
ISL	200	0.86	34.127	27.38	71.32	0.166	1455.3				
ISL	250	1.20	34.238	27.44	65.28	0.200	1457.8				
ISL	300	1.59	34.325	27.48	61.71	0.231	1460.5				

CRUISE	STA	M	R	DA	MO	YR	GMT	LATITUDE	LONGITUDE	MAR	DEPTH	AIR	DEW	WND	SEA	OBS
EL 46	18	0		10	1	71	7.8	5119.0S	7702.0E	508						22

TYPE	DEPTH m	TEMP °C	SALIN ‰	DENS (σ_t)	ANOM cl/T	DYN HT dyn m	VELOC m/sec	OXYG 10^2·ml/l	PHOS 10^2·µgat/l	NITR 10·µgat/l	SILIC µgat/l
OBS	0	3.70	33.914	26.98			1464.1	793	039	113	1
OBS	10	3.69	33.905	26.97			1464.2	807	049	193	1
OBS	25	3.68	33.904	26.97			1464.4	794	047	137	1
OBS	50	3.61	33.901	26.97			1464.6	792	059	111	2
OBS	75	2.89	33.916	27.05			1461.9	793	062	174	6
OBS	100	1.43	33.955	27.20			1456.0	784	065	173	17
OBS	149	0.20	33.982	27.30			1451.3	782	072	174	23
OBS	199	0.27	34.050	27.35			1452.5	737	087	243	33
OBS	296	0.94	34.270	27.48			1457.4	561	068	225	40
OBS	391	1.82	34.459	27.57			1463.2	446	046	222	42
OBS	485	2.02	34.531	27.62			1465.7	421	098	275	56
OBS	579	2.16	34.602	27.66			1468.0	416	053	262	63
OBS	674	2.17	34.633	27.69			1469.7	404	095	247	62
OBS	768	2.21	34.664	27.71			1471.5	409	068	236	61
OBS	960	2.12	34.707	27.75			1474.3	416	074	260	69
OBS	1156	2.08	34.744	27.78			1477.5	445	068	238	63
OBS	1456	1.86	34.754	27.81			1481.6	467	031	243	68
OBS	1652	1.80	34.763	27.82			1484.7	466	047	085	66
OBS	1944	1.50	34.752	27.83			1488.3	479	080	235	83
OBS	2431	1.21	34.734	27.84			1495.4	480	069	251	98
OBS	2920	0.72	34.714	27.85			1501.7	487	091	248	95
OBS	3117	0.45	34.708	27.87			1503.9	500	085	138	98
ISL	0	3.70	33.914	26.98	108.97	0.000	1464.1				
ISL	10	3.69	33.905	26.97	109.62	0.011	1464.2				
ISL	20	3.68	33.904	26.97	109.68	0.022	1464.4				
ISL	30	3.67	33.904	26.97	109.70	0.033	1464.5				
ISL	50	3.61	33.901	26.97	109.47	0.055	1464.6				
ISL	75	2.89	33.916	27.05	102.07	0.081	1461.9				
ISL	100	1.43	33.955	27.20	87.98	0.105	1456.0				
ISL	125	0.57	33.967	27.26	81.60	0.126	1452.5				
ISL	150	0.19	33.983	27.30	78.30	0.146	1451.2				
ISL	200	0.27	34.052	27.35	73.50	0.184	1452.5				
ISL	250	0.56	34.168	27.43	66.33	0.219	1454.8				
ISL	300	0.97	34.278	27.49	60.75	0.251	1457.7				
ISL	400	1.87	34.466	27.58	53.64	0.308	1463.6				
ISL	500	2.05	34.542	27.62	49.90	0.360	1466.1				
ISL	600	2.16	34.609	27.67	46.40	0.408	1468.4				
ISL	700	2.18	34.642	27.69	44.62	0.453	1470.2				
ISL	800	2.20	34.673	27.72	42.94	0.497	1472.0				
ISL	900	2.14	34.695	27.74	41.29	0.539	1473.4				
ISL	1000	2.11	34.715	27.76	39.90	0.580	1475.0				
ISL	1100	2.09	34.736	27.77	38.71	0.619	1476.6				
ISL	1200	2.06	34.745	27.79	38.05	0.658	1478.1				
ISL	1300	1.97	34.749	27.79	37.38	0.695	1479.5				
ISL	1400	1.89	34.752	27.80	36.73	0.732	1480.8				
ISL	1500	1.84	34.756	27.81	36.30	0.769	1482.3				
ISL	1750	1.70	34.759	27.82	35.46	0.859	1485.9				
ISL	2000	1.46	34.750	27.83	34.14	0.946	1489.1				
ISL	2250	1.33	34.741	27.84	34.02	1.031	1492.8				
ISL	2500	1.16	34.731	27.84	33.18	1.115	1496.3				
ISL	2750	0.92	34.721	27.85	31.42	1.196	1499.6				
ISL	3000	0.62	34.711	27.86	28.55	1.271	1502.6				



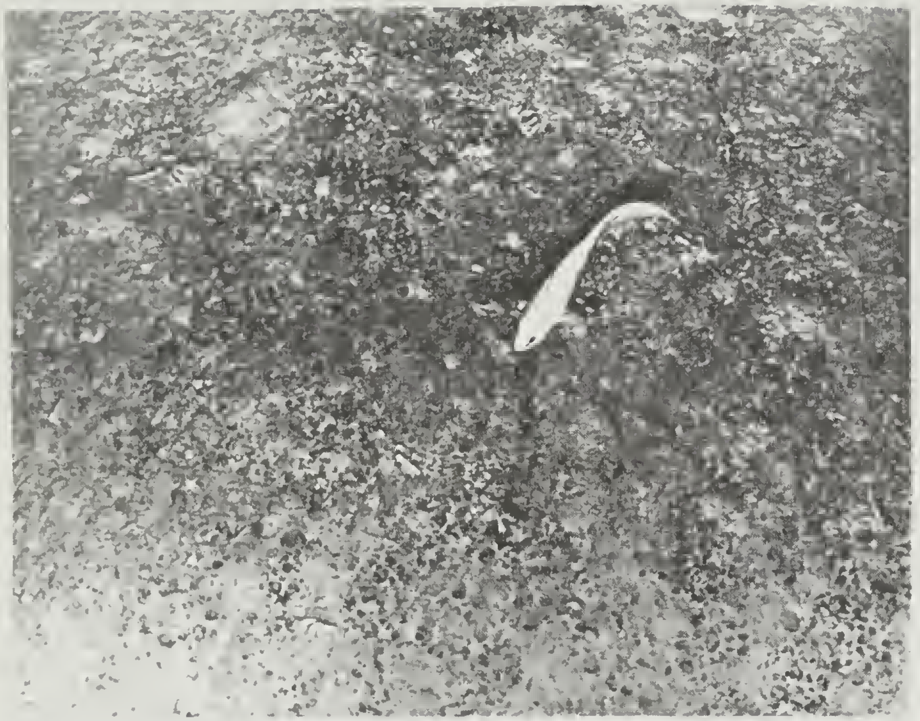
7-C, Frame 5, 3660 Meters



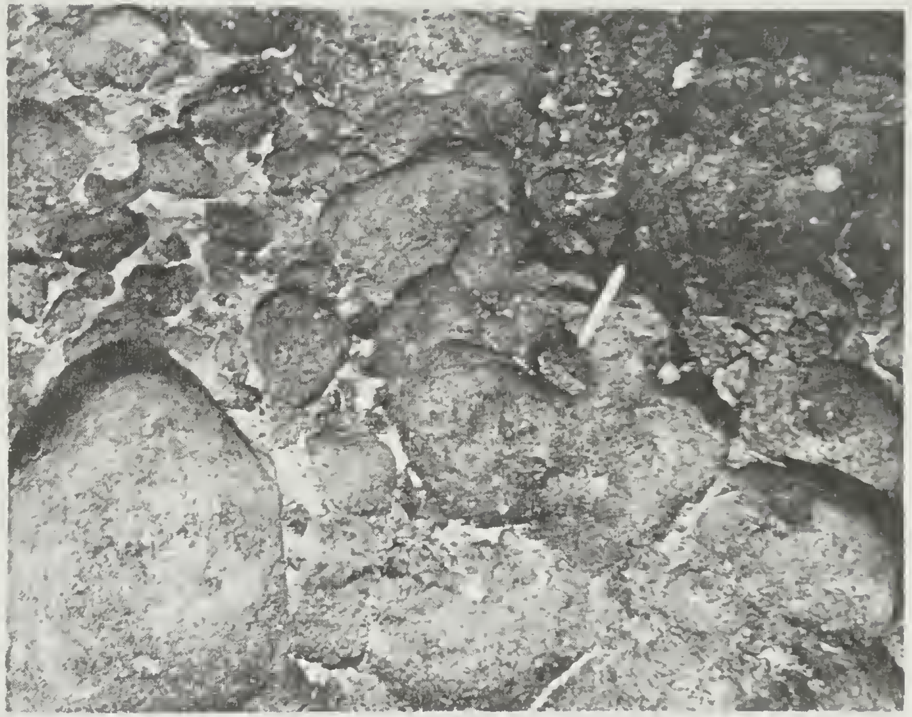
7-D, Frame 2, 3500 Meters

Cruise 38 Station 7

7-D, Frame 18, 3500 Meters

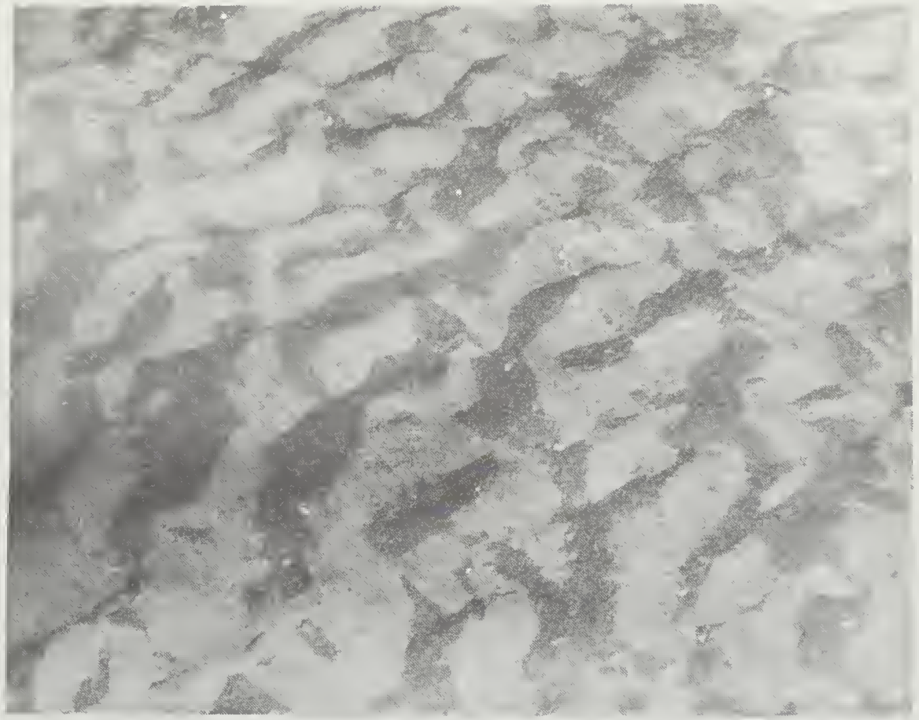


8-A, Frame 6, 3660 Meters

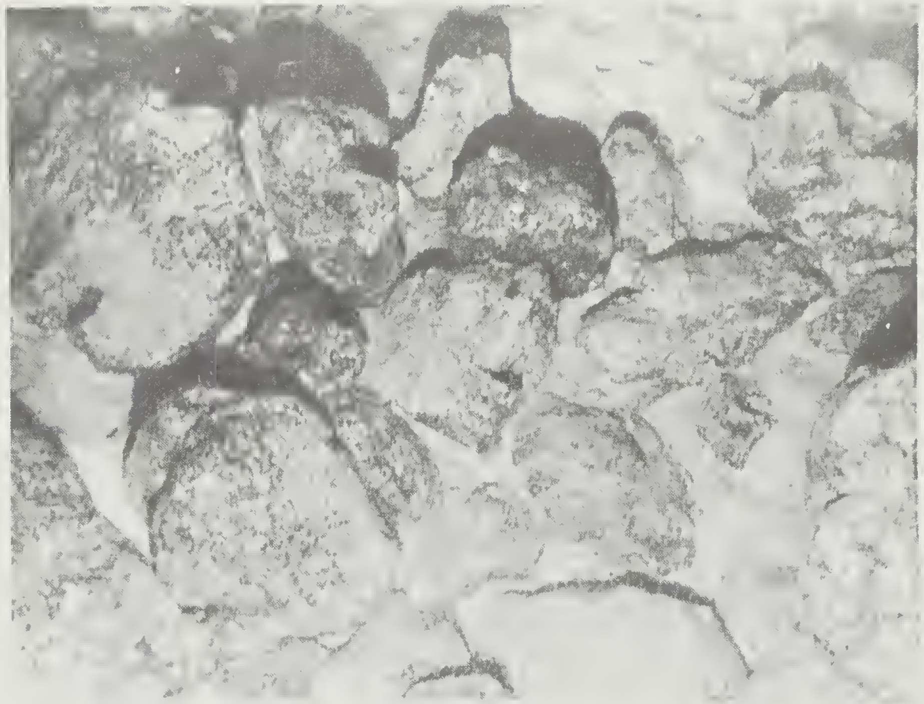


8-C, Frame 14, 3385 Meters

Cruise 38 Station 8



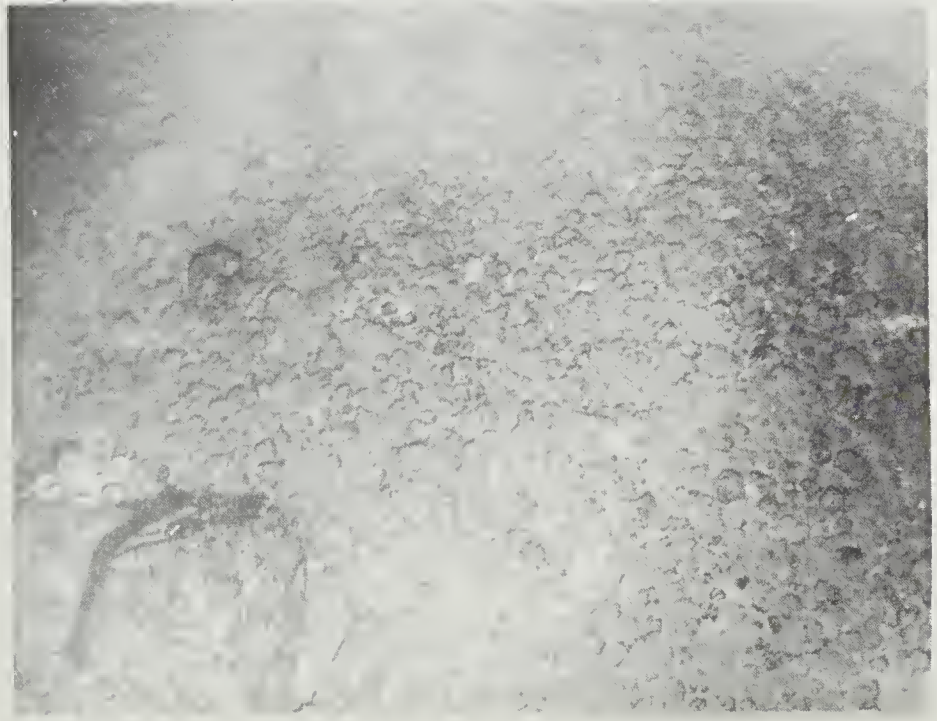
9-B, Frame 35, 3321 Meters



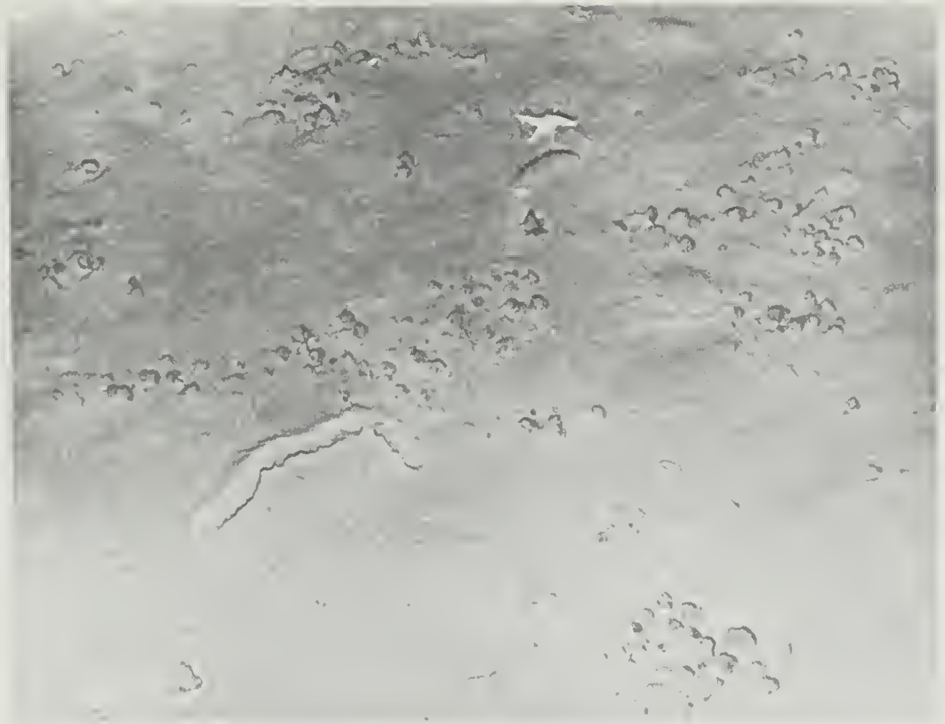
9-C, Frame 15, 3111 Meters

Cruise 38 Station 9

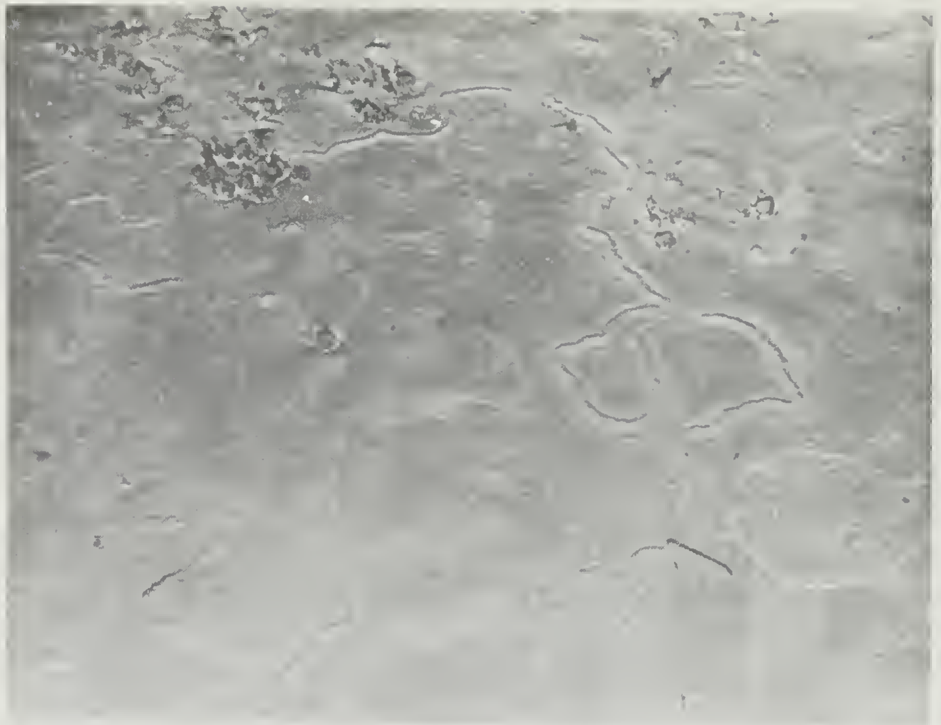
9-C, Frame 32, 3111 Meters



Cruise 38 Station 11

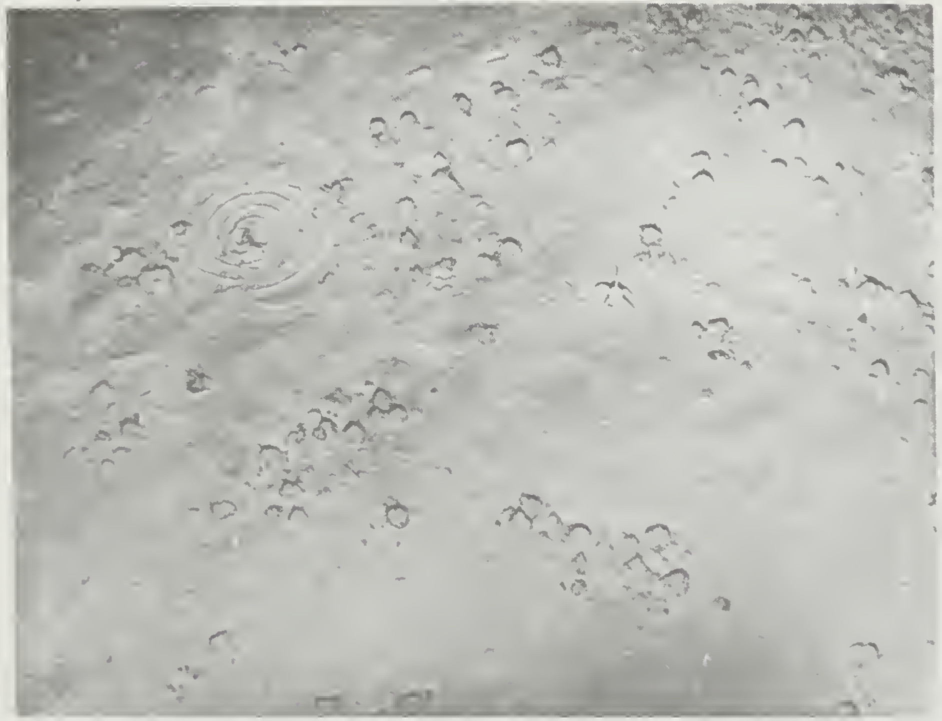


11-A, Frame 23, 4328 Meters

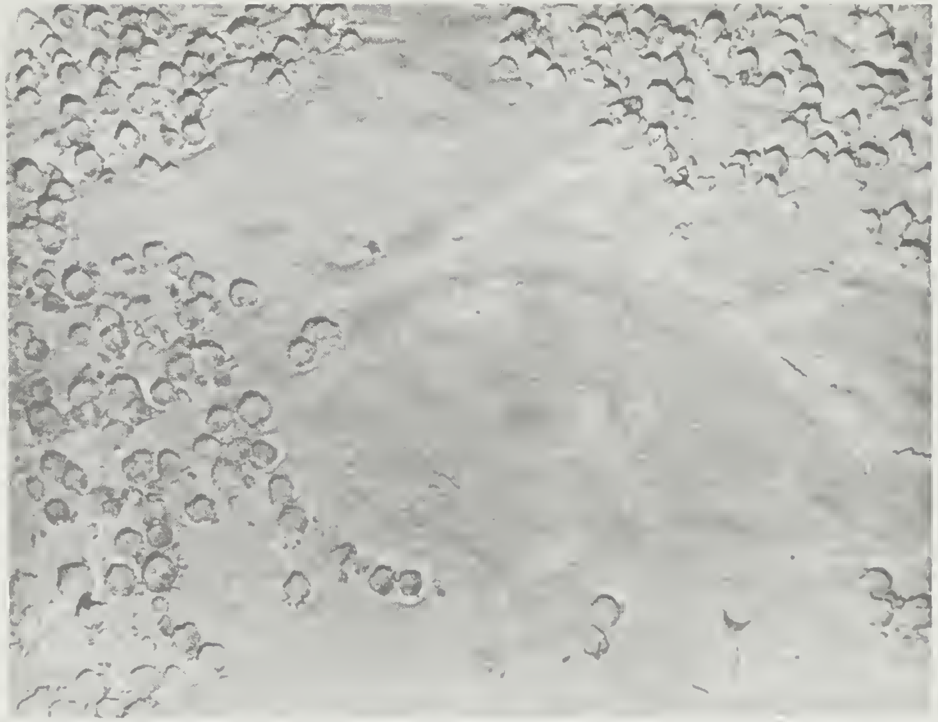


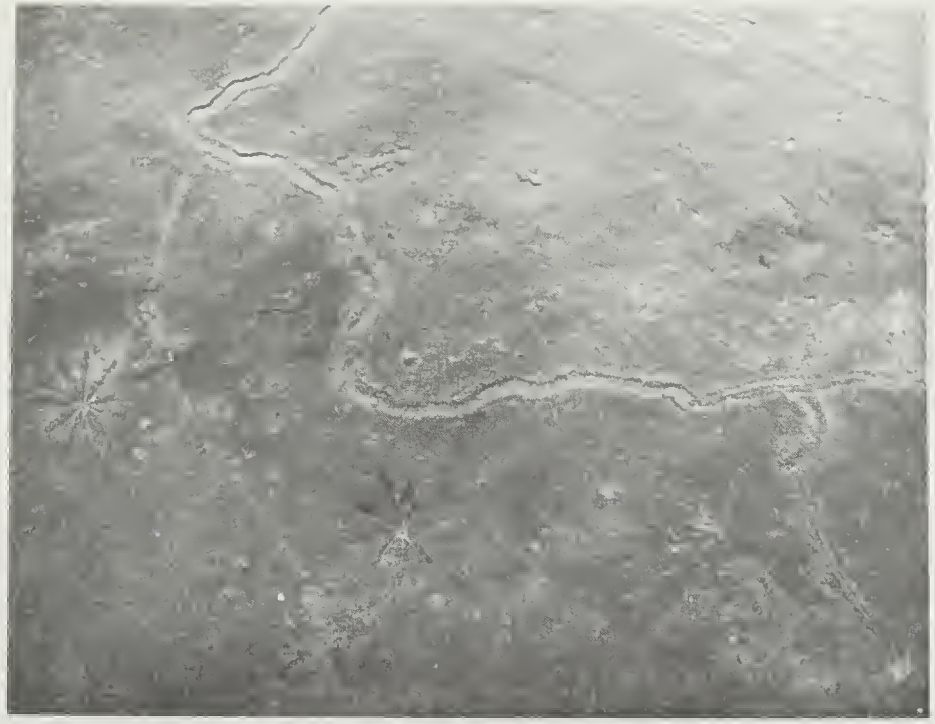
11-A, Frame 25, 4328 Meters

11-B, Frame 18, 4273 Meters

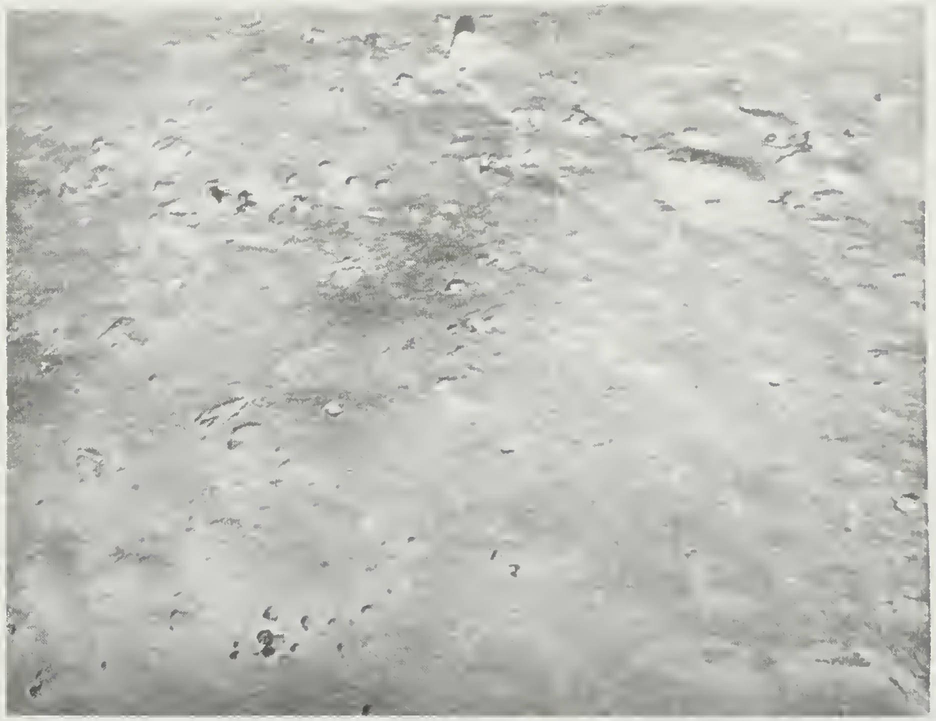


11-B, Frame 17, 4273 Meters



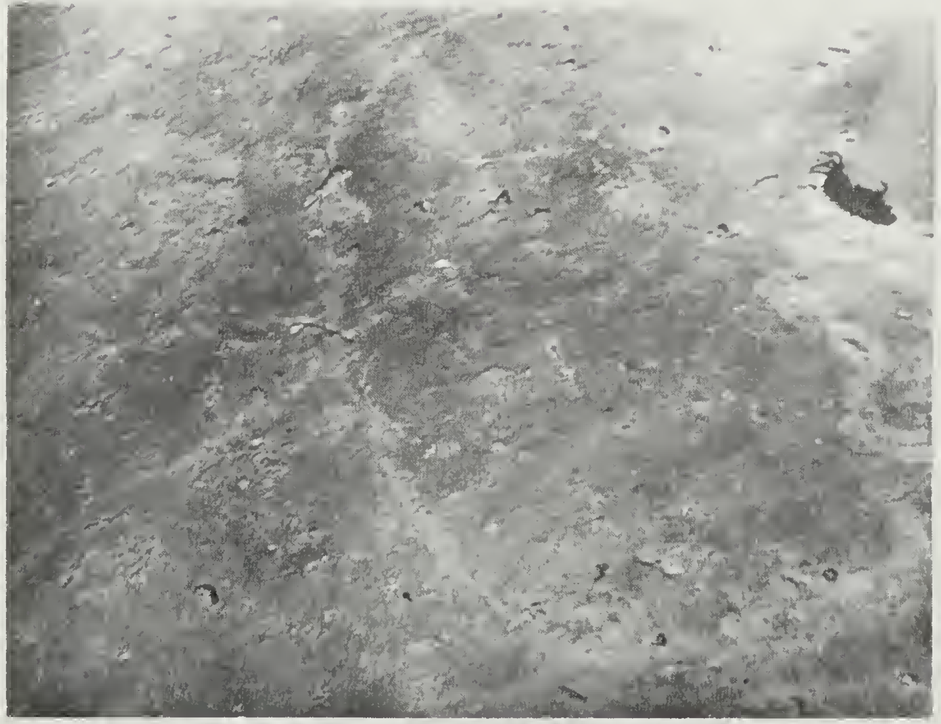


11-B, Frame 27, 4273 Meters

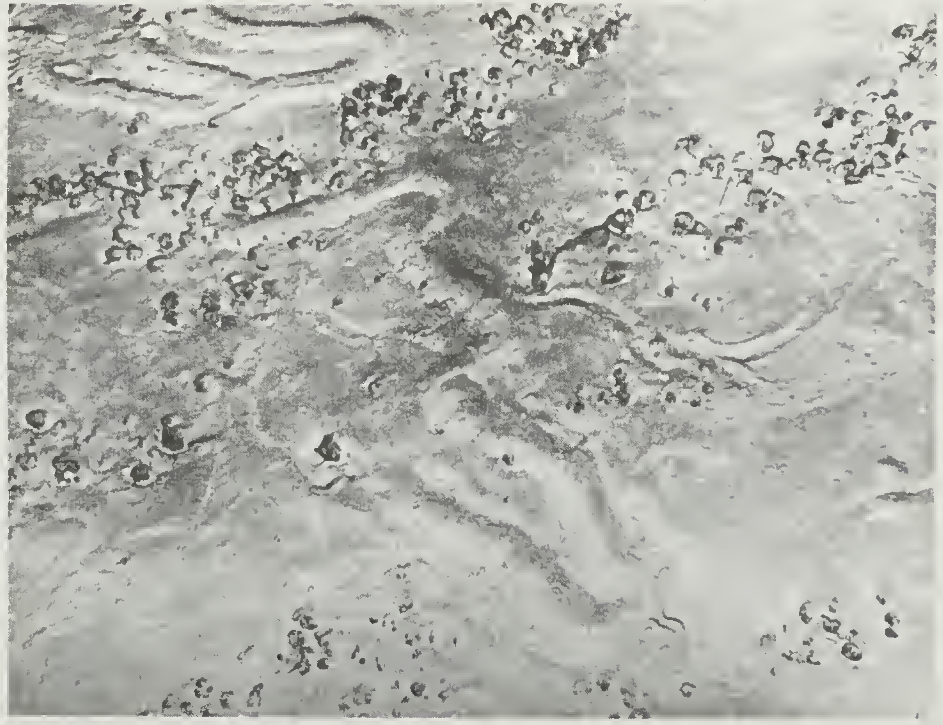


11-C, Frame 7, 4282 Meters

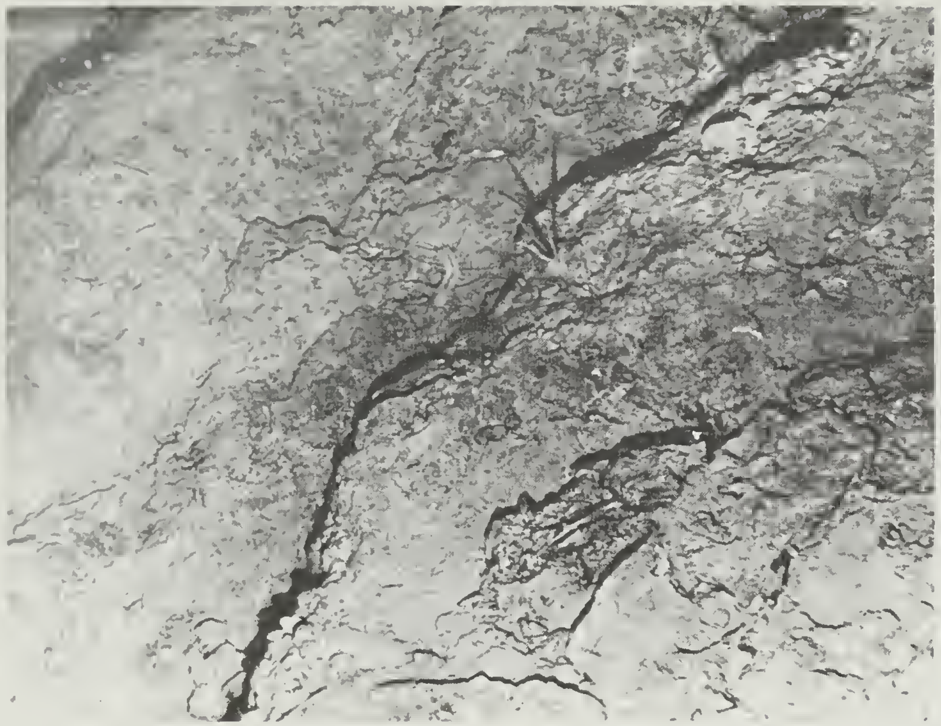
Cruise 38 Station 11



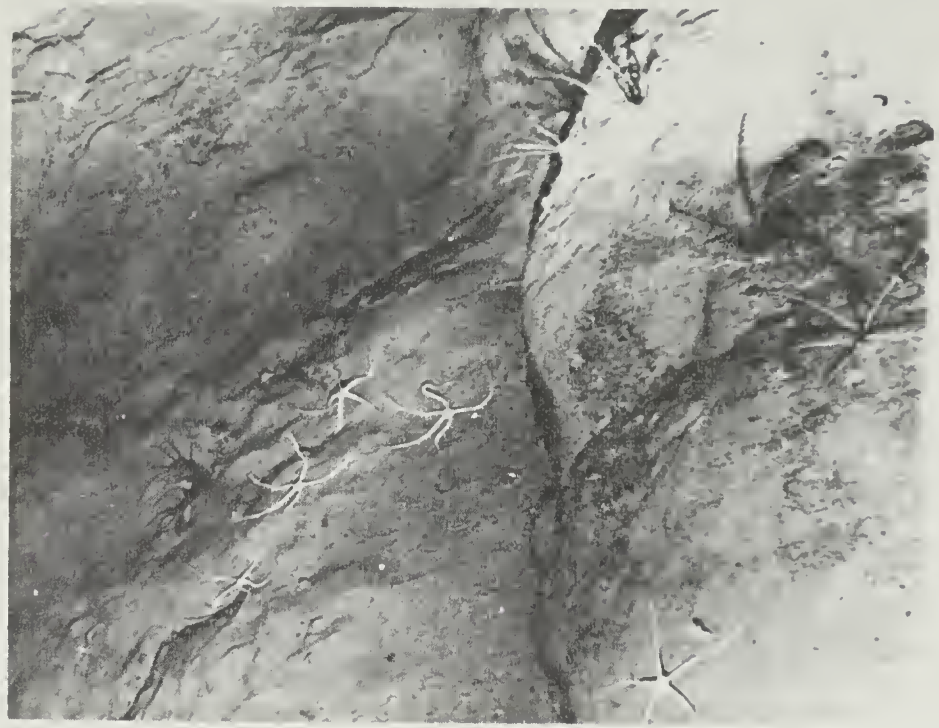
11-C, Frame 14, 4282 Meters



11-C, Frame 34, 4282 Meters



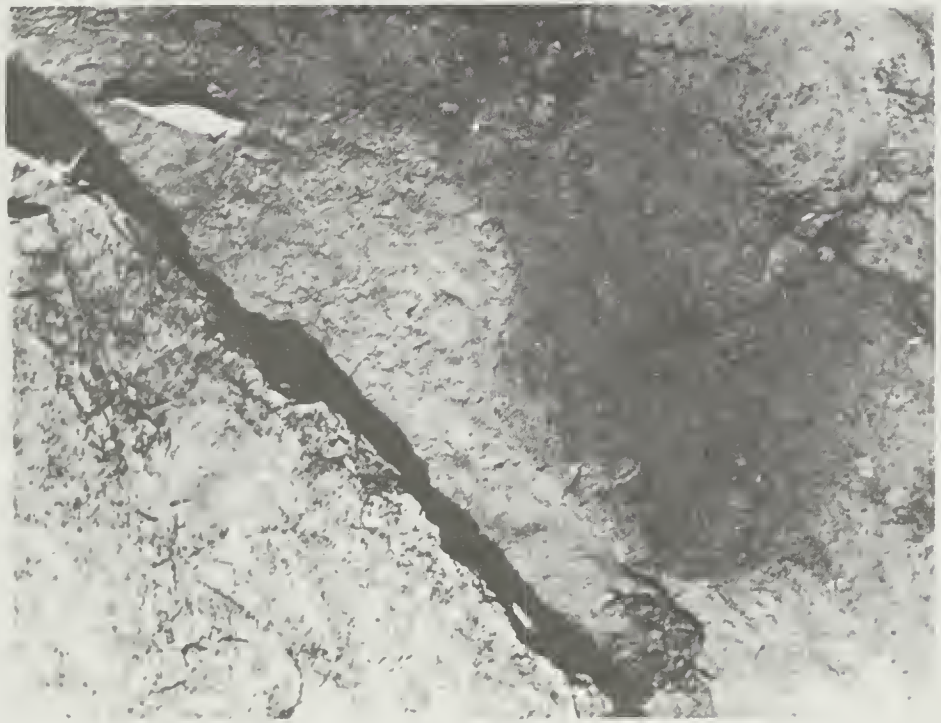
12-A, Frame 1, 4044 Meters



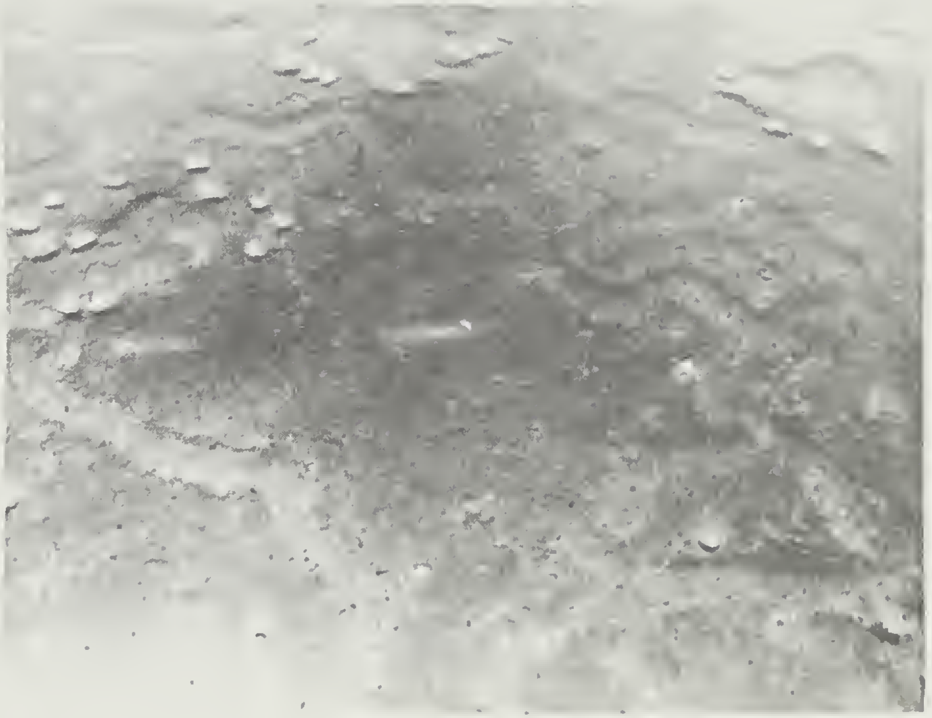
12-A, Frame 20, 4044 Meters

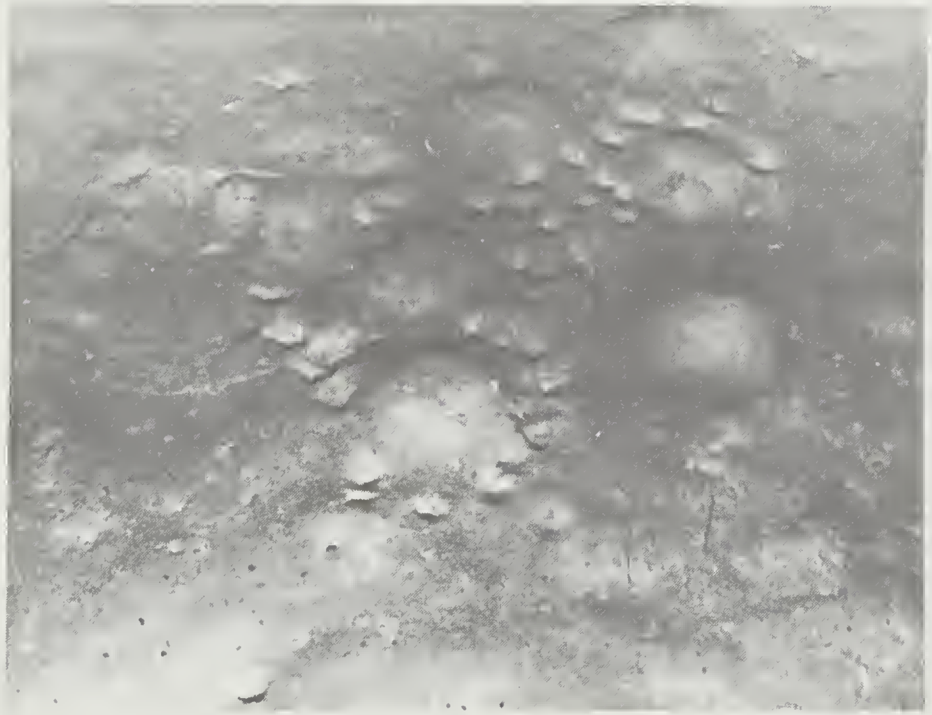
Cruise 38 Station 12

12-A, Frame 25, 4044 Meters

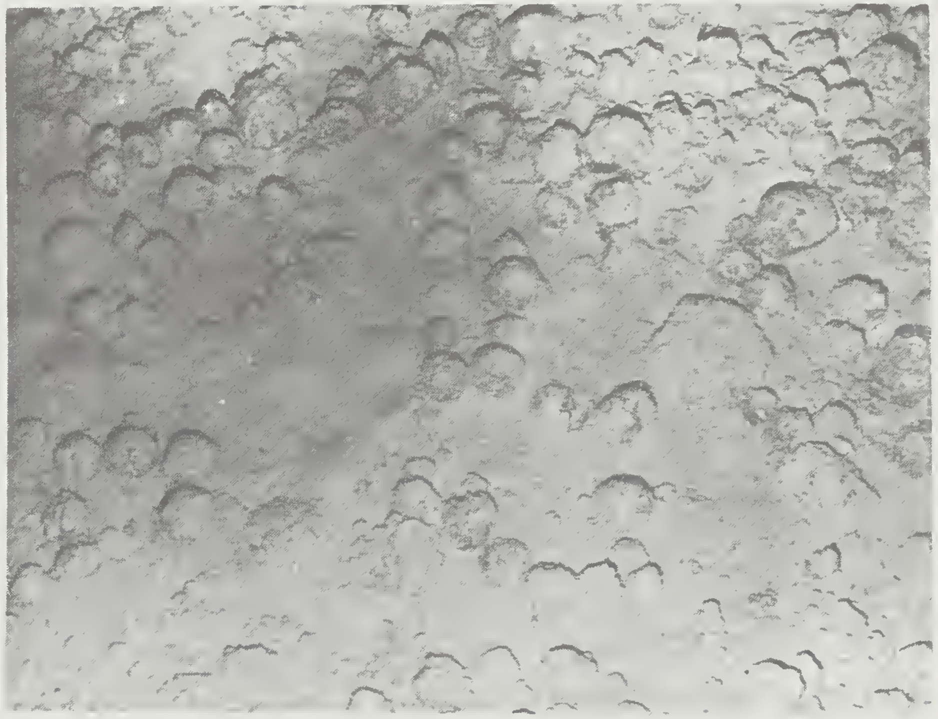


12-B, Frame 16, 4520 Meters





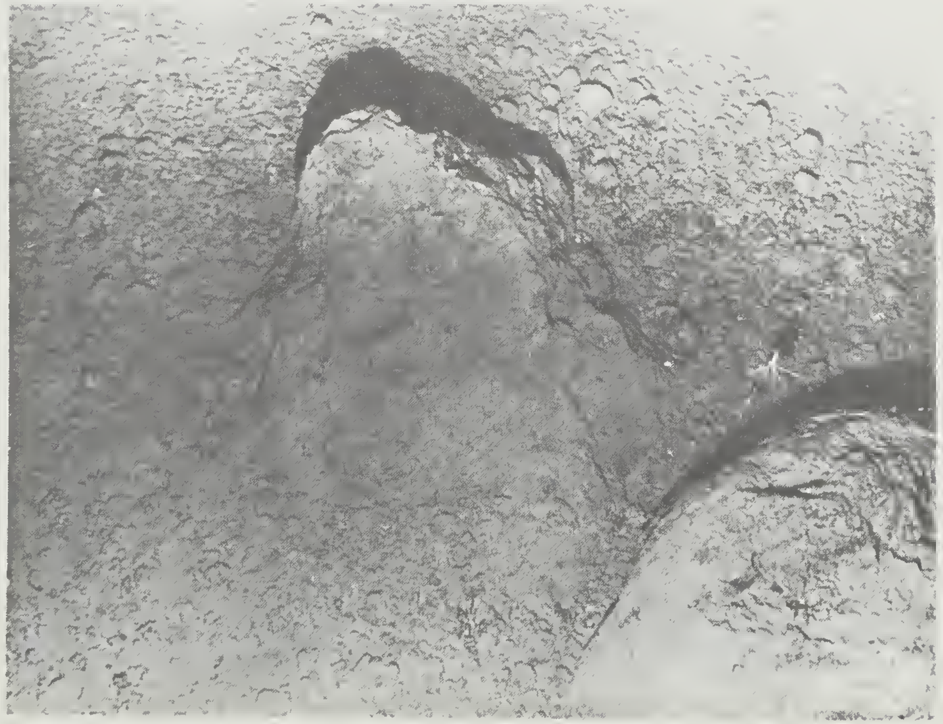
12-B, Frame 21, 4520 Meters



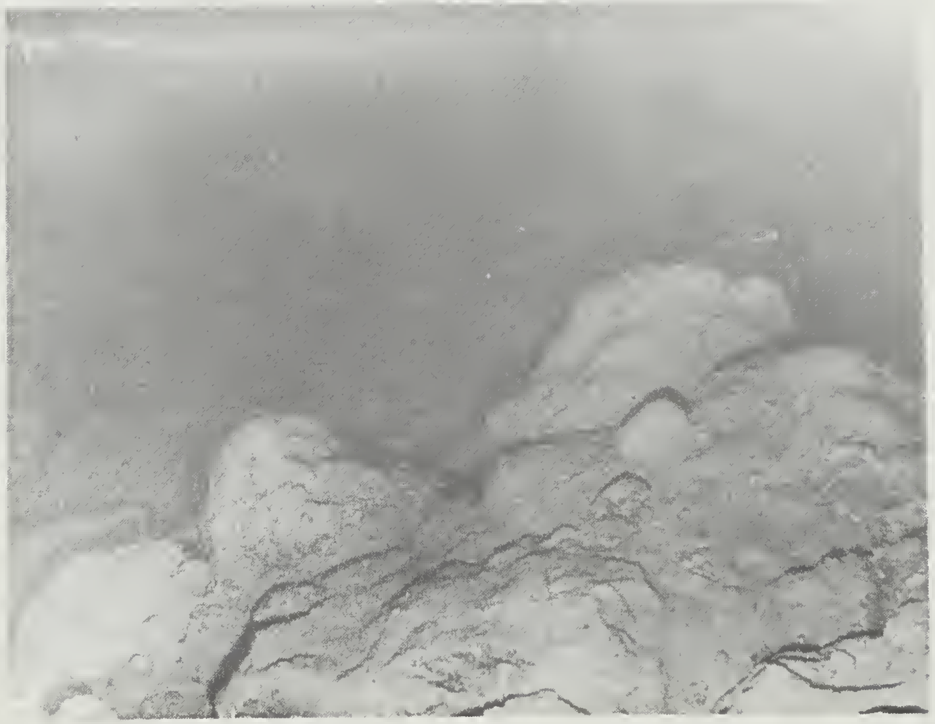
12-C, Frame 13, 4447 Meters

Cruise 38 Station 12

12-C, Frame 21, 4447 Meters



12-C, Frame 50, 4447 Meters



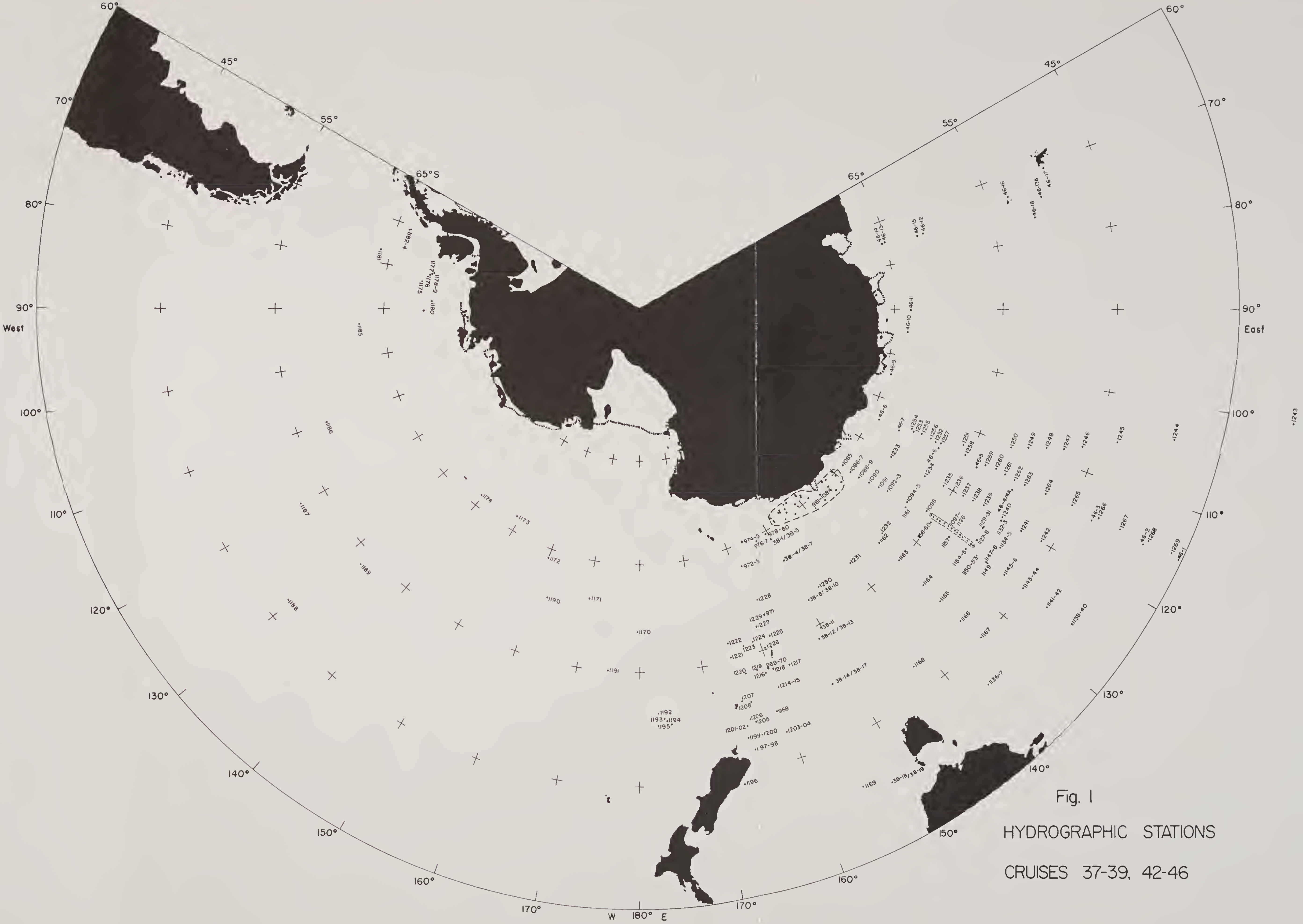


Fig. 1

HYDROGRAPHIC STATIONS

CRUISES 37-39, 42-46

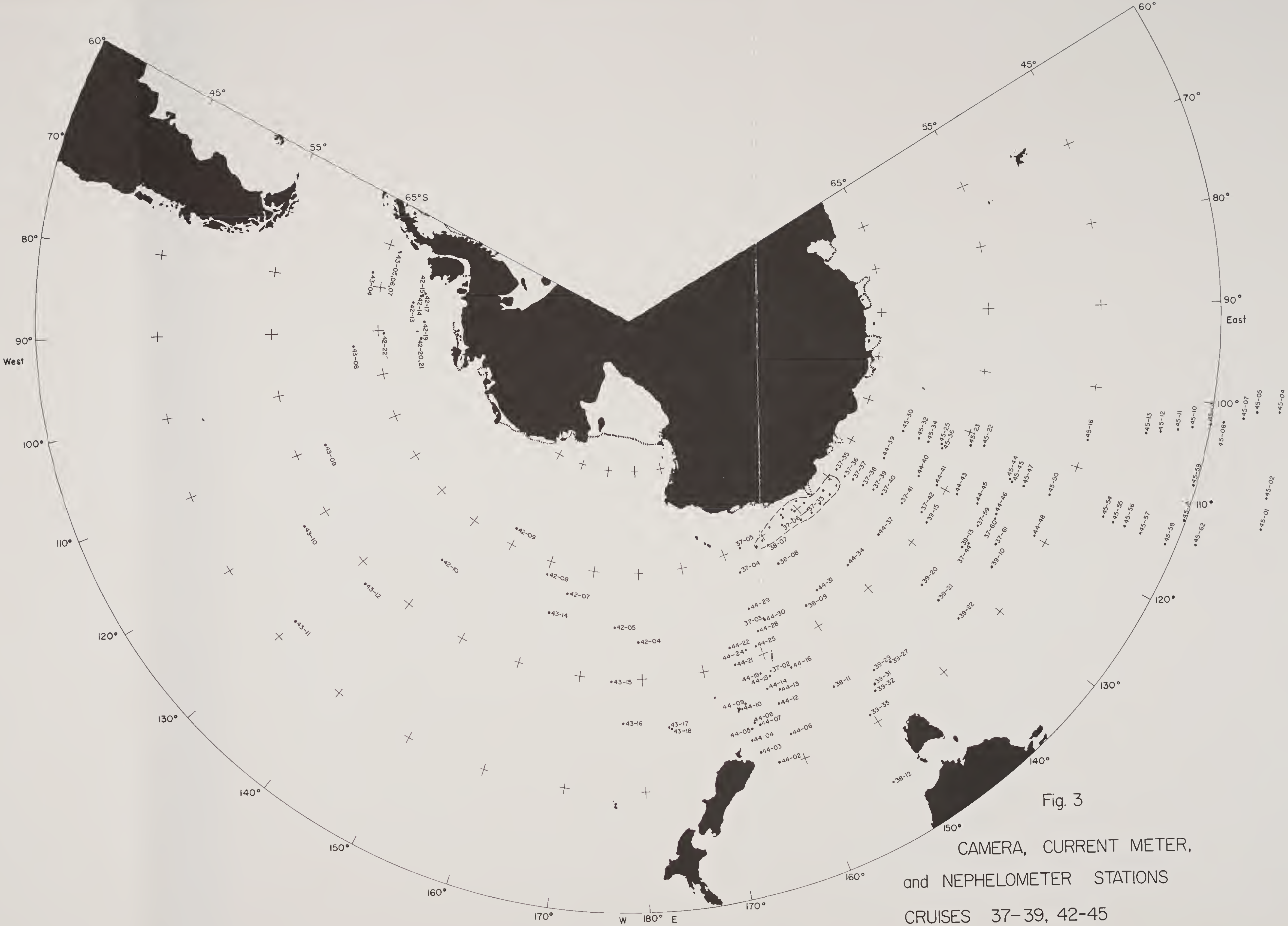


Fig. 3

CAMERA, CURRENT METER,
and NEPHELOMETER STATIONS
CRUISES 37-39, 42-45

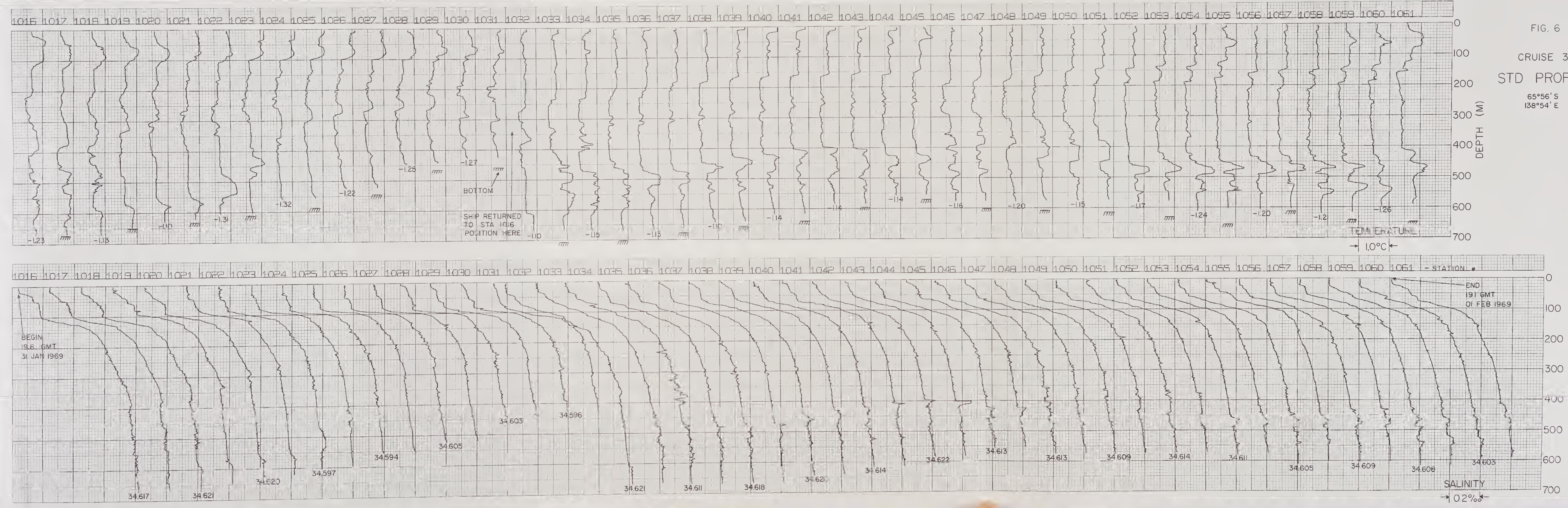


FIG. 6

CRUISE 37

STD PROFILES

65°56' S
138°54' E

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